

**\*\*Please Use Ctrl+F For Your Compatibility Search**



| Brand | Chipset | Motherboard Model              | Viper Steel Series |               |               |               |               |               |               |               |               |               |               |               |               |               |               |              |               |               |               |
|-------|---------|--------------------------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|---------------|---------------|---------------|
|       |         |                                | PVS416G440C9K      | PVS416G413C9K | PVS416G400C9K | PVS416G400C6K | PVS416G386C8K | PVS416G373C7K | PVS416G360C8K | PVS432G360C8K | PVS464G360C8K | PVS416G360C7K | PVS416G360C4K | PVS416G340C6K | PVS416G320C6K | PVS432G320C6K | PVS464G320C6K | PVS48G320C6K | PVS416G300C6K | PVS432G300C6K | PVS464G300C6K |
| MSI   | B760    | B760M BOMBER DDR4              | ✓                  |               | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             |
| MSI   | B760    | MAG B760M MORTAR WIFI DDR4     | ✓                  | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             |
| MSI   | B760    | MAG B760M MORTAR DDR4          | ✓                  |               | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             |
| MSI   | B760    | PRO B760M-A WIFI DDR4          | ✓                  | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             |
| MSI   | B760    | PRO B760M-G DDR4               | ✓                  | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             |
| MSI   | B760    | PRO B760-P WIFI DDR4           | ✓                  | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             |
| MSI   | B760    | PRO B760M-E DDR4               | ✓                  | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             |
| MSI   | B760    | PRO B760M-P DDR4               | ✓                  |               | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             |
| MSI   | Z790    | MAG Z790 TOMAHAWK WIFI DDR4    | ✓                  | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             |
| MSI   | Z790    | MPG Z790 EDGE WIFI DDR4        | ✓                  | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             |
| MSI   | Z790    | PRO Z790-P WIFI DDR4           | ✓                  | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             |
| MSI   | Z790    | PRO Z790-P DDR4                | ✓                  | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             |
| MSI   | Z790    | PRO Z790-A WIFI DDR4           | ✓                  | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             |
| MSI   | Z690    | PRO Z690-A DDR4                | ✓                  | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             |
| MSI   | Z690    | PRO Z690-A WIFI DDR4           | ✓                  | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             |
| MSI   | Z690    | PRO Z690-P DDR4                | ✓                  |               | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             |
| MSI   | H670    | MAG H670 TOMAHAWK WIFI DDR4    | ✓                  | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             |
| MSI   | B660    | PRO B660M-P WIFI DDR4          |                    |               |               |               |               |               | ✓             |               |               |               |               |               | ✓             |               |               |              | ✓             | ✓             | ✓             |
| MSI   | B660    | MAG B660M MORTAR MAX WIFI DDR4 | ✓                  | ✓             | ✓             | ✓             | ✓             | ✓             |               | ✓             |               | ✓             | ✓             | ✓             | ✓             |               | ✓             |              | ✓             | ✓             | ✓             |
| MSI   | B660    | PRO B660M-P DDR4               |                    |               |               |               |               |               | ✓             |               |               |               |               |               | ✓             |               |               |              | ✓             | ✓             | ✓             |
| MSI   | B660    | B660M BOMBER DDR4              |                    | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             |
| MSI   | B660    | PRO B660-A DDR4                |                    | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             |
| MSI   | B660    | PRO B660M-E DDR4               |                    | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             |
| MSI   | B660    | PRO B660M-A WIFI DDR4          |                    | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             |
| MSI   | B660    | PRO B660M-B DDR4               |                    | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             |
| MSI   | H610    | PRO H610M-E DDR4               |                    |               |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |              | ✓             | ✓             | ✓             |
| MSI   | H6      |                                |                    |               |               |               |               |               |               |               |               |               |               |               |               |               |               |              |               |               |               |

PATRIOT DDR4 COMPATIBILITY FOR MSI

**\*\*Please Use Ctrl+F For Your Compatibility Search**



| Brand | Chipset | Motherboard Model               | Viper Steel Series |               |               |               |               |               |               |               |               |               |               |               |               |               |               |              |               |               |
|-------|---------|---------------------------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|---------------|---------------|
|       |         |                                 | PVS416G440C9K      | PVS416G413C9K | PVS416G400C9K | PVS416G400C6K | PVS416G386C8K | PVS416G373C7K | PVS416G360C8K | PVS432G360C8K | PVS464G360C8K | PVS416G360C7K | PVS416G360C4K | PVS416G340C6K | PVS416G320C6K | PVS432G320C6K | PVS464G320C6K | PVS48G320C6K | PVS416G300C6K | PVS432G300C6K |
| MSI   | X570    | MPG X570 GAMING PRO CARBON WIFI |                    |               | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             |
| MSI   | X570    | MPG X570 GAMING EDGE WIFI       |                    |               | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             |
| MSI   | X570    | MAG X570S TOMAHAWK MAX WIFI     |                    |               | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             |
| MSI   | X570    | MAG X570S TORPEDO MAX           |                    |               | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             |
| MSI   | X570    | MPG X570 GAMING PLUS            |                    |               | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             |
| MSI   | X570    | PRESTIGE X570 CREATION          |                    |               | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             |
| MSI   | X570    | X570-A PRO                      |                    |               | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             |
| MSI   | X570    | MEG X570S ACE MAX               |                    |               | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             |
| MSI   | X570    | MEG X570 ACE                    |                    |               | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             |
| MSI   | X570    | MAG X570 TOMAHAWK WIFI          |                    |               | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             |
| MSI   | B550    | MPG B550 GAMING CARBON WIFI     |                    |               | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             |
| MSI   | B550    | B550M PRO                       |                    |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |               |              |               |               |
| MSI   | B550    | B550M PRO-VDH WIFI              |                    |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |               |              |               |               |
| MSI   | B550    | B550M PRO-VDH                   |                    |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |               |              |               |               |
| MSI   | B550    | MPG B550I GAMING EDGE WIFI      |                    |               | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             |
| MSI   | B550    | MAG B550M MORTAR WIFI           |                    |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |               |              |               |               |
| MSI   | B550    | MAG B550 TORPEDO                |                    |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |               |              |               |               |
| MSI   | B550    | MAG B550M MORTAR                |                    |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |               |              |               |               |
| MSI   | B550    | MAG B550 TOMAHAWK               |                    |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |               |              |               |               |
| MSI   | B550    | MPG B550I GAMING EDGE MAX WIFI  |                    |               | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             |
| MSI   | B550    | B550-A PRO                      |                    |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |               |              |               |               |
| MSI   | B550    | MPG B550 GAMING PLUS            |                    |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |               |              |               |               |
| MSI   | B550    | MPG B550 GAMING EDGE WIFI       |                    |               | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             |
| MSI   | B550    | MEG B550 UNIFY-X                |                    |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |               |              |               |               |
| MSI   | B550    | MEG B550 UNIFY                  |                    |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |               |              |               |               |
| MSI   | B550    | MAG B550M BAZOOKA               |                    |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |               |              |               |               |
| MSI   | X470    | X470 GAMING PLUS MAX            |                    |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |               |              |               |               |
| MSI   | B450    | B450 TOMAHAWK MAX               |                    |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |               |              |               |               |
| MSI   | B450    | B450M PRO-VDH PLUS              |                    |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |               |              |               |               |
| MSI   | B450    | B450M MORTAR MAX                |                    |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |               |              |               |               |
| MSI   | B450    | B450M PRO-VDH MAX               |                    |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |               |              |               |               |
| MSI   | B450    | B450M PRO-VDH V2                |                    |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |               |              |               |               |
| MSI   | B450    | B450M PRO-M2 MAX                |                    |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |               |              |               |               |
| MSI   | B450    | B450 TOMAHAWK                   |                    |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |               |              |               |               |
| MSI   | B450    | B450 GAMING PRO CARBON MAX WIFI |                    |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |               |              |               |               |
| MSI   | B450    | B450M BAZOOKA PLUS              |                    |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |               |              |               |               |
| MSI   | B450    | B450M MORTAR TITANIUM           |                    |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |               |              |               |               |
| MSI   | B450    | B450M MORTAR                    |                    |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |               |              |               |               |
| MSI   | B450    | B450M BAZOOKA                   |                    |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |               |              |               |               |
| MSI   | B450    | B450M BAZOOKA V2                |                    |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |               |              |               |               |
| MSI   | B450    | B450M-A PRO MAX                 |                    |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |               |              |               |               |
| MSI   | TRX40   | TRX40 PRO WIFI                  |                    |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |               |              |               |               |
| MSI   | TRX40   | Creator TRX40                   |                    |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |               |              |               |               |
| MSI   | A320    | A320M-A PRO MAX                 |                    |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |               |              |               |               |
| MSI   | A320    | A320M-A PRO                     |                    |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |               |              |               |               |
| MSI   | A320    | A320M PRO-VD/S V2               |                    |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |               |              |               |               |
| MSI   | A320    | A320M PRO-M2                    |                    |               |               |               |               |               |               |               |               |               |               | ✓             |               |               |               |              |               |               |

\*AMD Platform have OC limitation, only for compatability test

\* AM4 CPU in Ryzen 2000 series got 3200MHz max

\* AM4 CPU in Ryzen 3000 series got 3600-4000MHz max

\* AM4 CPU in Ryzen 5000 series got 3600-4400MHz max

**\*\*Please Use Ctrl+F For Your Compatibility Search**



| Brand | Chipset | Motherboard Model              | Viper Steel RGB Series |                |                |                |                |                |                |                |                |                |                |                |                |
|-------|---------|--------------------------------|------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|       |         |                                | PVSR416G440C8K         | PVSR416G413C9K | PVSR416G360C8K | PVSR432G360C8K | PVSR464G360C8K | PVSR416G360C0K | PVSR432G360C0K | PVSR464G360C0K | PVSR416G320C6K | PVSR432G320C6K | PVSR416G320C8K | PVSR432G320C8K | PVSR464G320C8K |
| MSI   | B760    | B760M BOMBER DDR4              | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | B760    | MAG B760M MORTAR WIFI DDR4     | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | B760    | MAG B760M MORTAR DDR4          | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | B760    | PRO B760M-A WIFI DDR4          | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | B760    | PRO B760M-G DDR4               | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | B760    | PRO B760-P WIFI DDR4           | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | B760    | PRO B760M-E DDR4               | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | B760    | PRO B760M-P DDR4               | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | Z790    | MAG Z790 TOMAHAWK WIFI DDR4    | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | Z790    | MPG Z790 EDGE WIFI DDR4        | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | Z790    | PRO Z790-P WIFI DDR4           | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | Z790    | PRO Z790-P DDR4                | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | Z790    | PRO Z790-A WIFI DDR4           | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | Z690    | PRO Z690-A DDR4                | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | Z690    | PRO Z690-A WIFI DDR4           | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | Z690    | PRO Z690-P DDR4                | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | H670    | MAG H670 TOMAHAWK WIFI DDR4    | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | B660    | PRO B660M-P WIFI DDR4          |                        |                |                |                | ✓              |                |                |                |                |                | ✓              |                |                |
| MSI   | B660    | MAG B660M MORTAR MAX WIFI DDR4 | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | B660    | PRO B660M-P DDR4               |                        |                |                | ✓              |                |                |                |                |                |                | ✓              |                |                |
| MSI   | B660    | B660M BOMBER DDR4              |                        | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | B660    | PRO B660-A DDR4                |                        | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | B660    | PRO B660M-E DDR4               |                        | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | B660    | PRO B660M-A WIFI DDR4          |                        | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | B660    | PRO B660M-B DDR4               |                        | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | H610    | PRO H610M-E DDR4               |                        |                |                |                | ✓              |                |                |                |                |                | ✓              |                |                |
| MSI   | H610    | PRO H610M-E DDR4               |                        |                |                |                | ✓              |                |                |                |                |                | ✓              |                |                |
| MSI   | H610    | H610M BOMBER DDR4              |                        |                |                |                | ✓              |                |                |                |                |                | ✓              |                |                |
| MSI   | H610    | PRO H610M-C EX                 |                        |                |                |                | ✓              |                |                |                |                |                | ✓              |                |                |
| MSI   | H610    | PRO H610M-B DDR4               |                        |                |                |                | ✓              |                |                |                |                |                | ✓              |                |                |
| MSI   | H610    | PRO H610M-G DDR4               |                        |                |                |                | ✓              |                |                |                |                |                | ✓              |                |                |
| MSI   | Z590    | MEG Z590 UNIFY-X               | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | Z590    | MEG Z590 UNIFY                 | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | Z590    | MPG Z590M GAMING EDGE WIFI     | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | Z590    | MPG Z590 GAMING PLUS           | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | Z590    | MPG Z590 GAMING EDGE WIFI      | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | Z590    | MPG Z590 GAMING CARBON WIFI    |                        |                |                |                |                | ✓              |                |                |                |                | ✓              |                |                |
| MSI   | Z590    | Z590-A PRO                     |                        |                |                |                | ✓              |                |                |                |                |                | ✓              |                |                |
| MSI   | Z590    | Z590 PRO WIFI                  |                        |                |                |                | ✓              |                |                |                |                |                | ✓              |                |                |
| MSI   | Z590    | MAG Z590 TOMAHAWK WIFI         |                        |                |                |                |                | ✓              |                |                |                |                | ✓              |                |                |
| MSI   | Z590    | MPG Z590 GAMING FORCE          |                        |                |                |                |                | ✓              |                |                |                |                | ✓              |                |                |
| MSI   | Z590    | MAG Z590 TORPEDO               |                        |                |                |                |                | ✓              |                |                |                |                | ✓              |                |                |
| MSI   | Z590    | MEG Z590 ACE                   |                        |                |                |                |                | ✓              |                |                |                |                | ✓              |                |                |
| MSI   | B560    | MPG B560I GAMING EDGE WIFI     | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | B560    | MAG B560M BAZOOKA              | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | B560    | B560M PRO-VDH                  | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | B560    | MAG B560M MORTAR               |                        |                |                |                |                | ✓              |                |                |                |                | ✓              |                |                |
| MSI   | B560    | B560M PRO-VDH WIFI             | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | B560    | MAG B560M MORTAR WIFI          |                        |                |                |                |                | ✓              |                |                |                |                | ✓              |                |                |
| MSI   | B560    | B560M PRO WIFI                 | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | B560    | B560M PRO                      | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | B560    | B560M-A PRO                    | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | B560    | MAG B560 TOMAHAWK WIFI         | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | B560    | MAG B560 TORPEDO               | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | B560    | B560M PRO-E                    | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | H510    | H510M PRO                      |                        |                |                |                |                |                |                |                |                |                |                |                |                |
| MSI   | H510    | H510M-A PRO                    |                        |                |                |                |                |                |                |                |                |                |                |                |                |
| MSI   | H510    | H510I PRO WIFI                 |                        |                |                |                |                |                |                |                |                |                |                |                |                |
| MSI   | Z490    | MEG Z490 ACE                   | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | Z490    | Z490-A PRO                     | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | Z490    | MPG Z490 GAMING PLUS           | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | Z490    | MPG Z490 GAMING PLUS           | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | Z490    | MPG Z490 GAMING EDGE WIFI      | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | Z490    | MAG Z490 TOMAHAWK              | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | Z490    | MPG Z490M GAMING EDGE WIFI     | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | Z490    | MEG Z490 GODLIKE               | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | Z490    | MEG Z490I UNIFY                | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | Z490    | MEG Z490 UNIFY                 | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | Z490    | MPG Z490 GAMING CARBON WIFI    | ✓                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | B460    | MAG B460 TORPEDO               |                        |                |                |                |                |                |                |                |                |                |                |                |                |
| MSI   | B460    | B460M PRO-VDH WIFI             |                        |                |                |                |                |                |                |                |                |                |                |                |                |
| MSI   | B460    | MPG B460I GAMING EDGE WIFI     |                        |                |                |                |                |                |                |                |                |                |                |                |                |
| MSI   | B460    | MAG B460M MORTAR WIFI          |                        |                |                |                |                |                |                |                |                |                |                |                |                |
| MSI   | B460    | MAG B460M MORTAR               |                        |                |                |                |                |                |                |                |                |                |                |                |                |
| MSI   | B460    | B460M-A PRO                    |                        |                |                |                |                |                |                |                |                |                |                |                |                |
| MSI   | B460    | B460M PRO                      |                        |                |                |                |                |                |                |                |                |                |                |                |                |
| MSI   | B460    | MAG B460 TOMAHAWK              |                        |                |                |                |                |                |                |                |                |                |                |                |                |
| MSI   | B460    | MAG B460M BAZOOKA              |                        |                |                |                |                |                |                |                |                |                |                |                |                |
| MSI   | H410    | H410I PRO WIFI                 |                        |                |                |                |                |                |                |                |                |                |                |                |                |
| MSI   | H410    | H410M-A PRO                    |                        |                |                |                |                |                |                |                |                |                |                |                |                |
| MSI   | H410    | H410M PRO                      |                        |                |                |                |                |                |                |                |                |                |                |                |                |
| MSI   | X299    | Creator X299                   |                        |                |                |                |                | ✓              |                |                |                |                | ✓              |                |                |
| MSI   | X570    | MEG X570 UNIFY                 |                        | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | X570    | MEG X570S UNIFY-X MAX          |                        | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | X570    | MEG X570 GODLIKE               |                        | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | X570    | MPG X570S CARBON MAX WIFI      |                        | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |
| MSI   | X570    | MPG X570S EDGE MAX WIFI        |                        | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |                |

PATRIOT DDR4 COMPATIBILITY FOR MSI

**\*\*Please Use Ctrl+F For Your Compatibility Search**



| Brand | Chipset | Motherboard Model               | Viper Steel RGB Series |                |                |                |                |                |                |                |                |                |                |                |                |
|-------|---------|---------------------------------|------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|       |         |                                 | PVSR416G440C8K         | PVSR416G413C9K | PVSR416G360C8K | PVSR432G360C8K | PVSR464G360C8K | PVSR416G360C6K | PVSR432G360C6K | PVSR464G360C6K | PVSR416G320C6K | PVSR432G320C6K | PVSR416G320C8K | PVSR432G320C8K | PVSR464G320C8K |
| MSI   | X570    | MPG X570 GAMING PRO CARBON WIFI |                        | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |
| MSI   | X570    | MPG X570 GAMING EDGE WIFI       |                        | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |
| MSI   | X570    | MAG X570S TOMAHAWK MAX WIFI     |                        | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |
| MSI   | X570    | MAG X570S TORPEDO MAX           |                        | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |
| MSI   | X570    | MPG X570 GAMING PLUS            |                        | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |
| MSI   | X570    | PRESTIGE X570 CREATION          |                        | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |
| MSI   | X570    | X570-A PRO                      |                        | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |
| MSI   | X570    | MEG X570S ACE MAX               |                        | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |
| MSI   | X570    | MEG X570 ACE                    |                        | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |
| MSI   | X570    | MAG X570 TOMAHAWK WIFI          |                        | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |
| MSI   | B550    | MPG B550 GAMING CARBON WIFI     |                        | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |
| MSI   | B550    | B550M PRO                       |                        |                |                |                |                | ✓              |                |                |                |                |                | ✓              |                |
| MSI   | B550    | B550M PRO-VDH WIFI              |                        |                |                |                |                | ✓              |                |                |                |                |                | ✓              |                |
| MSI   | B550    | B550M PRO-VDH                   |                        |                |                |                |                | ✓              |                |                |                |                |                | ✓              |                |
| MSI   | B550    | MPG B550I GAMING EDGE WIFI      |                        | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |
| MSI   | B550    | MAG B550M MORTAR WIFI           |                        |                |                |                |                | ✓              |                |                |                |                |                | ✓              |                |
| MSI   | B550    | MAG B550 TORPEDO                |                        |                |                |                |                | ✓              |                |                |                |                |                | ✓              |                |
| MSI   | B550    | MAG B550M MORTAR                |                        |                |                |                |                | ✓              |                |                |                |                |                | ✓              |                |
| MSI   | B550    | MAG B550 TOMAHAWK               |                        |                |                |                |                | ✓              |                |                |                |                |                | ✓              |                |
| MSI   | B550    | MPG B550I GAMING EDGE MAX WIFI  |                        | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |
| MSI   | B550    | B550-A PRO                      |                        |                |                |                |                | ✓              |                |                |                |                |                | ✓              |                |
| MSI   | B550    | MPG B550 GAMING PLUS            |                        |                |                |                |                | ✓              |                |                |                |                |                | ✓              |                |
| MSI   | B550    | MPG B550 GAMING EDGE WIFI       |                        | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              |
| MSI   | B550    | MEG B550 UNIFY-X                |                        |                |                |                |                | ✓              |                |                |                |                |                | ✓              |                |
| MSI   | B550    | MEG B550 UNIFY                  |                        |                |                |                |                | ✓              |                |                |                |                |                | ✓              |                |
| MSI   | B550    | MAG B550M BAZOOKA               |                        |                |                |                |                | ✓              |                |                |                |                |                | ✓              |                |
| MSI   | X470    | X470 GAMING PLUS MAX            |                        |                |                |                |                | ✓              |                |                |                |                |                | ✓              |                |
| MSI   | B450    | B450 TOMAHAWK MAX               |                        |                |                |                |                | ✓              |                |                |                |                |                | ✓              |                |
| MSI   | B450    | B450M PRO-VDH PLUS              |                        |                |                |                |                | ✓              |                |                |                |                |                | ✓              |                |
| MSI   | B450    | B450M MORTAR MAX                |                        |                |                |                |                | ✓              |                |                |                |                |                | ✓              |                |
| MSI   | B450    | B450M PRO-VDH MAX               |                        |                |                |                |                | ✓              |                |                |                |                |                | ✓              |                |
| MSI   | B450    | B450M PRO-VDH V2                |                        |                |                |                |                | ✓              |                |                |                |                |                | ✓              |                |
| MSI   | B450    | B450M PRO-M2 MAX                |                        |                |                |                |                | ✓              |                |                |                |                |                | ✓              |                |
| MSI   | B450    | B450 TOMAHAWK                   |                        |                |                |                |                | ✓              |                |                |                |                |                | ✓              |                |
| MSI   | B450    | B450 GAMING PRO CARBON MAX WIFI |                        |                |                |                |                | ✓              |                |                |                |                |                | ✓              |                |
| MSI   | B450    | B450M BAZOOKA PLUS              |                        |                |                |                |                | ✓              |                |                |                |                |                | ✓              |                |
| MSI   | B450    | B450M MORTAR TITANIUM           |                        |                |                |                |                | ✓              |                |                |                |                |                | ✓              |                |
| MSI   | B450    | B450M MORTAR                    |                        |                |                |                |                | ✓              |                |                |                |                |                | ✓              |                |
| MSI   | B450    | B450M BAZOOKA                   |                        |                |                |                |                | ✓              |                |                |                |                |                | ✓              |                |
| MSI   | B450    | B450M BAZOOKA V2                |                        |                |                |                |                | ✓              |                |                |                |                |                | ✓              |                |
| MSI   | B450    | B450M-A PRO MAX                 |                        |                |                |                |                | ✓              |                |                |                |                |                | ✓              |                |
| MSI   | TRX40   | TRX40 PRO WIFI                  |                        |                |                |                |                | ✓              |                |                |                |                |                | ✓              |                |
| MSI   | TRX40   | Creator TRX40                   |                        |                |                |                |                | ✓              |                |                |                |                |                | ✓              |                |
| MSI   | A320    | A320M-A PRO MAX                 |                        |                |                |                |                | ✓              |                |                |                |                |                | ✓              |                |
| MSI   | A320    | A320M-A PRO                     |                        |                |                |                |                | ✓              |                |                |                |                |                | ✓              |                |
| MSI   | A320    | A320M PRO-VD/S V2               |                        |                |                |                |                | ✓              |                |                |                |                |                | ✓              |                |
| MSI   | A320    | A320M PRO-M2                    |                        |                |                |                |                | ✓              |                |                |                |                |                | ✓              |                |

\*AMD Platform have OC limitation, only for compatability test

\* AM4 CPU in Ryzen 2000 series got 3200MHz max

\* AM4 CPU in Ryzen 3000 series got 3600-4000MHz max

\* AM4 CPU in Ryzen 5000 series got 3600-4400MHz max



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PATRIOT DDR4 COMPATIBILITY FOR MSI

**\*\*Please Use Ctrl+F For Your Compatibility Search**



| Brand | Chipset | Motherboard Model               | Viper 4 Blackout Series |               |               |               |               |               |               |               |               |              |               |               |               |               |               |               |
|-------|---------|---------------------------------|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|
|       |         |                                 | PVB416G440C8K           | PVB416G426C8K | PVB416G413C8K | PVB416G400C9K | PVB416G360C8K | PVB416G360C8K | PVB416G360C7K | PVB432G360C8K | PVB464G360C8K | PVB48G320C6K | PVB416G320C6K | PVB432G320C6K | PVB464G320C6K | PVB416G300C6K | PVB432G300C6K | PVB464G300C6K |
| MSI   | X570    | MPG X570 GAMING PRO CARBON WIFI |                         |               | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             |
| MSI   | X570    | MPG X570 GAMING EDGE WIFI       |                         |               | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             |
| MSI   | X570    | MAG X570S TOMAHAWK MAX WIFI     |                         |               | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             |
| MSI   | X570    | MAG X570S TORPEDO MAX           |                         |               | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             |
| MSI   | X570    | MPG X570 GAMING PLUS            |                         |               | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             |
| MSI   | X570    | PRESTIGE X570 CREATION          |                         |               | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             |
| MSI   | X570    | X570-A PRO                      |                         |               | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             |
| MSI   | X570    | MEG X570S ACE MAX               |                         |               | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             |
| MSI   | X570    | MEG X570 ACE                    |                         |               | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             |
| MSI   | X570    | MAG X570 TOMAHAWK WIFI          |                         |               | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             |
| MSI   | B550    | MPG B550 GAMING CARBON WIFI     |                         |               | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             |
| MSI   | B550    | B550M PRO                       |                         |               |               |               |               |               |               |               |               |              | ✓             |               |               |               |               |               |
| MSI   | B550    | B550M PRO-VDH WIFI              |                         |               |               |               |               |               |               |               |               |              | ✓             |               |               |               |               |               |
| MSI   | B550    | B550M PRO-VDH                   |                         |               |               |               |               |               |               |               |               |              | ✓             |               |               |               |               |               |
| MSI   | B550    | MPG B550I GAMING EDGE WIFI      |                         |               | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             |
| MSI   | B550    | MAG B550M MORTAR WIFI           |                         |               |               |               |               |               |               |               |               |              | ✓             |               |               |               |               |               |
| MSI   | B550    | MAG B550 TORPEDO                |                         |               |               |               |               |               |               |               |               |              | ✓             |               |               |               |               |               |
| MSI   | B550    | MAG B550M MORTAR                |                         |               |               |               |               |               |               |               |               |              | ✓             |               |               |               |               |               |
| MSI   | B550    | MAG B550 TOMAHAWK               |                         |               |               |               |               |               |               |               |               |              | ✓             |               |               |               |               |               |
| MSI   | B550    | MPG B550I GAMING EDGE MAX WIFI  |                         |               | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             |
| MSI   | B550    | B550-A PRO                      |                         |               |               |               |               |               |               |               |               |              | ✓             |               |               |               |               |               |
| MSI   | B550    | MPG B550 GAMING PLUS            |                         |               |               |               |               |               |               |               |               |              | ✓             |               |               |               |               |               |
| MSI   | B550    | MPG B550 GAMING EDGE WIFI       |                         |               | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             | ✓            | ✓             | ✓             | ✓             | ✓             | ✓             | ✓             |
| MSI   | B550    | MEG B550 UNIFY-X                |                         |               |               |               |               |               |               |               |               |              | ✓             |               |               |               |               |               |
| MSI   | B550    | MEG B550 UNIFY                  |                         |               |               |               |               |               |               |               |               |              | ✓             |               |               |               |               |               |
| MSI   | B550    | MAG B550M BAZOOKA               |                         |               |               |               |               |               |               |               |               |              | ✓             |               |               |               |               |               |
| MSI   | X470    | X470 GAMING PLUS MAX            |                         |               |               |               |               |               |               |               |               |              | ✓             |               |               |               |               |               |
| MSI   | B450    | B450 TOMAHAWK MAX               |                         |               |               |               |               |               |               |               |               |              | ✓             |               |               |               |               |               |
| MSI   | B450    | B450M PRO-VDH PLUS              |                         |               |               |               |               |               |               |               |               |              | ✓             |               |               |               |               |               |
| MSI   | B450    | B450M MORTAR MAX                |                         |               |               |               |               |               |               |               |               |              | ✓             |               |               |               |               |               |
| MSI   | B450    | B450M PRO-VDH MAX               |                         |               |               |               |               |               |               |               |               |              | ✓             |               |               |               |               |               |
| MSI   | B450    | B450M PRO-VDH V2                |                         |               |               |               |               |               |               |               |               |              | ✓             |               |               |               |               |               |
| MSI   | B450    | B450M PRO-M2 MAX                |                         |               |               |               |               |               |               |               |               |              | ✓             |               |               |               |               |               |
| MSI   | B450    | B450 TOMAHAWK                   |                         |               |               |               |               |               |               |               |               |              | ✓             |               |               |               |               |               |
| MSI   | B450    | B450 GAMING PRO CARBON MAX WIFI |                         |               |               |               |               |               |               |               |               |              | ✓             |               |               |               |               |               |
| MSI   | B450    | B450M BAZOOKA PLUS              |                         |               |               |               |               |               |               |               |               |              | ✓             |               |               |               |               |               |
| MSI   | B450    | B450M MORTAR TITANIUM           |                         |               |               |               |               |               |               |               |               |              | ✓             |               |               |               |               |               |
| MSI   | B450    | B450M MORTAR                    |                         |               |               |               |               |               |               |               |               |              | ✓             |               |               |               |               |               |
| MSI   | B450    | B450M BAZOOKA                   |                         |               |               |               |               |               |               |               |               |              | ✓             |               |               |               |               |               |
| MSI   | B450    | B450M BAZOOKA V2                |                         |               |               |               |               |               |               |               |               |              | ✓             |               |               |               |               |               |
| MSI   | B450    | B450M-A PRO MAX                 |                         |               |               |               |               |               |               |               |               |              | ✓             |               |               |               |               |               |
| MSI   | TRX40   | TRX40 PRO WIFI                  |                         |               |               |               |               |               |               |               |               |              | ✓             |               |               |               |               |               |
| MSI   | TRX40   | Creator TRX40                   |                         |               |               |               |               |               |               |               |               |              | ✓             |               |               |               |               |               |
| MSI   | A320    | A320M-A PRO MAX                 |                         |               |               |               |               |               |               |               |               |              | ✓             |               |               |               |               |               |
| MSI   | A320    | A320M-A PRO                     |                         |               |               |               |               |               |               |               |               |              | ✓             |               |               |               |               |               |
| MSI   | A320    | A320M PRO-VD/S V2               |                         |               |               |               |               |               |               |               |               |              | ✓             |               |               |               |               |               |
| MSI   | A320    | A320M PRO-M2                    |                         |               |               |               |               |               |               |               |               |              | ✓             |               |               |               |               |               |

\*AMD Platform have OC limitation, only for compatability test

\* AM4 CPU in Ryzen 2000 series got 3200MHz max

\* AM4 CPU in Ryzen 3000 series got 3600-4000MHz max

\* AM4 CPU in Ryzen 5000 series got 3600-4400MHz max

**\*\*Please Use Ctrl+F For Your Compatibility Search**

[illegible]

PATRIOT DDR4 COMPATIBILITY FOR MSI

**\*\*Please Use Ctrl+F For Your Compatibility Search**



| Brand | Chipset | Motherboard Model               | Viper Elite II |                |                |                |                |                |                |               |                |                |
|-------|---------|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|----------------|----------------|
|       |         |                                 | PVE2416G400C0K | PVE2432G400C0K | PVE2416G360C0K | PVE2432G360C0K | PVE2464G360C0K | PVE2416G320C8K | PVE2464G320C8K | PVE248G266C6K | PVE2416G266C6K | PVE2432G266C6K |
| MSI   | X570    | MPG X570 GAMING PRO CARBON WIFI | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓             | ✓              | ✓              |
| MSI   | X570    | MPG X570 GAMING EDGE WIFI       | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓             | ✓              | ✓              |
| MSI   | X570    | MAG X570S TOMAHAWK MAX WIFI     | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓             | ✓              | ✓              |
| MSI   | X570    | MAG X570S TORPEDO MAX           | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓             | ✓              | ✓              |
| MSI   | X570    | MPG X570 GAMING PLUS            | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓             | ✓              | ✓              |
| MSI   | X570    | PRESTIGE X570 CREATION          | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓             | ✓              | ✓              |
| MSI   | X570    | X570-A PRO                      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓             | ✓              | ✓              |
| MSI   | X570    | MEG X570S ACE MAX               | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓             | ✓              | ✓              |
| MSI   | X570    | MEG X570 ACE                    | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓             | ✓              | ✓              |
| MSI   | X570    | MAG X570 TOMAHAWK WIFI          | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓             | ✓              | ✓              |
| MSI   | B550    | MPG B550 GAMING CARBON WIFI     | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓             | ✓              | ✓              |
| MSI   | B550    | B550M PRO                       |                |                |                |                |                |                |                |               |                |                |
| MSI   | B550    | B550M PRO-VDH WIFI              |                |                |                |                |                |                |                |               |                |                |
| MSI   | B550    | B550M PRO-VDH                   |                |                |                |                |                |                |                |               |                |                |
| MSI   | B550    | MPG B550I GAMING EDGE WIFI      | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓             | ✓              | ✓              |
| MSI   | B550    | MAG B550M MORTAR WIFI           |                |                |                |                |                |                |                |               |                |                |
| MSI   | B550    | MAG B550 TORPEDO                |                |                |                |                |                |                |                |               |                |                |
| MSI   | B550    | MAG B550M MORTAR                |                |                |                |                |                |                |                |               |                |                |
| MSI   | B550    | MAG B550 TOMAHAWK               |                |                |                |                |                |                |                |               |                |                |
| MSI   | B550    | MPG B550I GAMING EDGE MAX WIFI  | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓             | ✓              | ✓              |
| MSI   | B550    | B550-A PRO                      |                |                |                |                |                |                |                |               |                |                |
| MSI   | B550    | MPG B550 GAMING PLUS            |                |                |                |                |                |                |                |               |                |                |
| MSI   | B550    | MPG B550 GAMING EDGE WIFI       | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓              | ✓             | ✓              | ✓              |
| MSI   | B550    | MEG B550 UNIFY-X                |                |                |                |                |                |                |                |               |                |                |
| MSI   | B550    | MEG B550 UNIFY                  |                |                |                |                |                |                |                |               |                |                |
| MSI   | B550    | MAG B550M BAZOOKA               |                |                |                |                |                |                |                |               |                |                |
| MSI   | X470    | X470 GAMING PLUS MAX            |                |                |                |                |                |                |                |               |                |                |
| MSI   | B450    | B450 TOMAHAWK MAX               |                |                |                |                |                |                |                |               |                |                |
| MSI   | B450    | B450M PRO-VDH PLUS              |                |                |                |                |                |                |                |               |                |                |
| MSI   | B450    | B450M MORTAR MAX                |                |                |                |                |                |                |                |               |                |                |
| MSI   | B450    | B450M PRO-VDH MAX               |                |                |                |                |                |                |                |               |                |                |
| MSI   | B450    | B450M PRO-VDH V2                |                |                |                |                |                |                |                |               |                |                |
| MSI   | B450    | B450M PRO-M2 MAX                |                |                |                |                |                |                |                |               |                |                |
| MSI   | B450    | B450 TOMAHAWK                   |                |                |                |                |                |                |                |               |                |                |
| MSI   | B450    | B450 GAMING PRO CARBON MAX WIFI |                |                |                |                |                |                |                |               |                |                |
| MSI   | B450    | B450M BAZOOKA PLUS              |                |                |                |                |                |                |                |               |                |                |
| MSI   | B450    | B450M MORTAR TITANIUM           |                |                |                |                |                |                |                |               |                |                |
| MSI   | B450    | B450M MORTAR                    |                |                |                |                |                |                |                |               |                |                |
| MSI   | B450    | B450M BAZOOKA                   |                |                |                |                |                |                |                |               |                |                |
| MSI   | B450    | B450M BAZOOKA V2                |                |                |                |                |                |                |                |               |                |                |
| MSI   | B450    | B450M-A PRO MAX                 |                |                |                |                |                |                |                |               |                |                |
| MSI   | TRX40   | TRX40 PRO WIFI                  |                |                |                |                |                |                |                |               |                |                |
| MSI   | TRX40   | Creator TRX40                   |                |                |                |                |                |                |                |               |                |                |
| MSI   | A320    | A320M-A PRO MAX                 |                |                |                |                |                |                |                |               |                |                |
| MSI   | A320    | A320M-A PRO                     |                |                |                |                |                |                |                |               |                |                |
| MSI   | A320    | A320M PRO-VD/S V2               |                |                |                |                |                |                |                |               |                |                |
| MSI   | A320    | A320M PRO-M2                    |                |                |                |                |                |                |                |               |                |                |

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\* AM4 CPU in Ryzen 2000 series got 3200MHz max

\* AM4 CPU in Ryzen 3000 series got 3600-4000MHz max

\* AM4 CPU in Ryzen 5000 series got 3600-4400MHz max

**\*\*Please Use Ctrl+F For Your Compatibility Search**

[illegible]

PATRIOT DDR4 COMPATIBILITY FOR MSI

**\*\*Please Use Ctrl+F For Your Compatibility Search**



| Brand | Chipset | Motherboard Model               | Viper 4 series |              |              |              |              |              |             |              |              |              |             |              |              |
|-------|---------|---------------------------------|----------------|--------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|--------------|-------------|--------------|--------------|
|       |         |                                 | PV416G373C7K   | PV416G360C7K | PV416G360C8K | PV432G360C8K | PV464G360C8K | PV416G340C6K | PV48G320C6K | PV416G320C6K | PV432G320C6K | PV464G320C6K | PV48G300C6K | PV416G300C6K | PV432G300C6K |
| MSI   | X570    | MPG X570 GAMING PRO CARBON WIFI | ✓              | ✓            | ✓            | ✓            | ✓            | ✓            | ✓           | ✓            | ✓            | ✓            | ✓           | ✓            | ✓            |
| MSI   | X570    | MPG X570 GAMING EDGE WIFI       | ✓              | ✓            | ✓            | ✓            | ✓            | ✓            | ✓           | ✓            | ✓            | ✓            | ✓           | ✓            | ✓            |
| MSI   | X570    | MAG X570S TOMAHAWK MAX WIFI     | ✓              | ✓            | ✓            | ✓            | ✓            | ✓            | ✓           | ✓            | ✓            | ✓            | ✓           | ✓            | ✓            |
| MSI   | X570    | MAG X570S TORPEDO MAX           | ✓              | ✓            | ✓            | ✓            | ✓            | ✓            | ✓           | ✓            | ✓            | ✓            | ✓           | ✓            | ✓            |
| MSI   | X570    | MPG X570 GAMING PLUS            | ✓              | ✓            | ✓            | ✓            | ✓            | ✓            | ✓           | ✓            | ✓            | ✓            | ✓           | ✓            | ✓            |
| MSI   | X570    | PRESTIGE X570 CREATION          | ✓              | ✓            | ✓            | ✓            | ✓            | ✓            | ✓           | ✓            | ✓            | ✓            | ✓           | ✓            | ✓            |
| MSI   | X570    | X570-A PRO                      | ✓              | ✓            | ✓            | ✓            | ✓            | ✓            | ✓           | ✓            | ✓            | ✓            | ✓           | ✓            | ✓            |
| MSI   | X570    | MEG X570S ACE MAX               | ✓              | ✓            | ✓            | ✓            | ✓            | ✓            | ✓           | ✓            | ✓            | ✓            | ✓           | ✓            | ✓            |
| MSI   | X570    | MEG X570 ACE                    | ✓              | ✓            | ✓            | ✓            | ✓            | ✓            | ✓           | ✓            | ✓            | ✓            | ✓           | ✓            | ✓            |
| MSI   | X570    | MAG X570 TOMAHAWK WIFI          | ✓              | ✓            | ✓            | ✓            | ✓            | ✓            | ✓           | ✓            | ✓            | ✓            | ✓           | ✓            | ✓            |
| MSI   | B550    | MPG B550 GAMING CARBON WIFI     | ✓              | ✓            | ✓            | ✓            | ✓            | ✓            | ✓           | ✓            | ✓            | ✓            | ✓           | ✓            | ✓            |
| MSI   | B550    | B550M PRO                       |                |              |              |              |              |              | ✓           | ✓            |              |              |             |              |              |
| MSI   | B550    | B550M PRO-VDH WIFI              |                |              |              |              |              |              | ✓           | ✓            |              |              |             |              |              |
| MSI   | B550    | B550M PRO-VDH                   |                |              |              |              |              |              | ✓           | ✓            |              |              |             |              |              |
| MSI   | B550    | MPG B550I GAMING EDGE WIFI      | ✓              | ✓            | ✓            | ✓            | ✓            | ✓            | ✓           | ✓            | ✓            | ✓            | ✓           | ✓            | ✓            |
| MSI   | B550    | MAG B550M MORTAR WIFI           |                |              |              |              |              |              | ✓           | ✓            |              |              |             |              |              |
| MSI   | B550    | MAG B550 TORPEDO                |                |              |              |              |              |              | ✓           | ✓            |              |              |             |              |              |
| MSI   | B550    | MAG B550M MORTAR                |                |              |              |              |              |              | ✓           | ✓            |              |              |             |              |              |
| MSI   | B550    | MAG B550 TOMAHAWK               |                |              |              |              |              |              | ✓           | ✓            |              |              |             |              |              |
| MSI   | B550    | MPG B550I GAMING EDGE MAX WIFI  | ✓              | ✓            | ✓            | ✓            | ✓            | ✓            | ✓           | ✓            | ✓            | ✓            | ✓           | ✓            | ✓            |
| MSI   | B550    | B550-A PRO                      |                |              |              |              |              |              | ✓           | ✓            |              |              |             |              |              |
| MSI   | B550    | MPG B550 GAMING PLUS            |                |              |              |              |              |              | ✓           | ✓            |              |              |             |              |              |
| MSI   | B550    | MPG B550 GAMING EDGE WIFI       | ✓              | ✓            | ✓            | ✓            | ✓            | ✓            | ✓           | ✓            | ✓            | ✓            | ✓           | ✓            | ✓            |
| MSI   | B550    | MEG B550 UNIFY-X                |                |              |              |              |              |              | ✓           | ✓            |              |              |             |              |              |
| MSI   | B550    | MEG B550 UNIFY                  |                |              |              |              |              |              | ✓           | ✓            |              |              |             |              |              |
| MSI   | B550    | MAG B550M BAZOOKA               |                |              |              |              |              |              | ✓           | ✓            |              |              |             |              |              |
| MSI   | X470    | X470 GAMING PLUS MAX            |                |              |              |              |              |              | ✓           | ✓            |              |              |             |              |              |
| MSI   | B450    | B450 TOMAHAWK MAX               |                |              |              |              |              |              | ✓           | ✓            |              |              |             |              |              |
| MSI   | B450    | B450M PRO-VDH PLUS              |                |              |              |              |              |              | ✓           | ✓            |              |              |             |              |              |
| MSI   | B450    | B450M MORTAR MAX                |                |              |              |              |              |              | ✓           | ✓            |              |              |             |              |              |
| MSI   | B450    | B450M PRO-VDH MAX               |                |              |              |              |              |              | ✓           | ✓            |              |              |             |              |              |
| MSI   | B450    | B450M PRO-VDH V2                |                |              |              |              |              |              | ✓           | ✓            |              |              |             |              |              |
| MSI   | B450    | B450M PRO-M2 MAX                |                |              |              |              |              |              | ✓           | ✓            |              |              |             |              |              |
| MSI   | B450    | B450 TOMAHAWK                   |                |              |              |              |              |              | ✓           | ✓            |              |              |             |              |              |
| MSI   | B450    | B450 GAMING PRO CARBON MAX WIFI |                |              |              |              |              |              | ✓           | ✓            |              |              |             |              |              |
| MSI   | B450    | B450M BAZOOKA PLUS              |                |              |              |              |              |              | ✓           | ✓            |              |              |             |              |              |
| MSI   | B450    | B450M MORTAR TITANIUM           |                |              |              |              |              |              | ✓           | ✓            |              |              |             |              |              |
| MSI   | B450    | B450M MORTAR                    |                |              |              |              |              |              | ✓           | ✓            |              |              |             |              |              |
| MSI   | B450    | B450M BAZOOKA                   |                |              |              |              |              |              | ✓           | ✓            |              |              |             |              |              |
| MSI   | B450    | B450M BAZOOKA V2                |                |              |              |              |              |              | ✓           | ✓            |              |              |             |              |              |
| MSI   | B450    | B450M-A PRO MAX                 |                |              |              |              |              |              | ✓           | ✓            |              |              |             |              |              |
| MSI   | TRX40   | TRX40 PRO WIFI                  |                |              |              |              |              |              | ✓           | ✓            |              |              |             |              |              |
| MSI   | TRX40   | Creator TRX40                   |                |              |              |              |              |              | ✓           | ✓            |              |              |             |              |              |
| MSI   | A320    | A320M-A PRO MAX                 |                |              |              |              |              |              | ✓           | ✓            |              |              |             |              |              |
| MSI   | A320    | A320M-A PRO                     |                |              |              |              |              |              | ✓           | ✓            |              |              |             |              |              |
| MSI   | A320    | A320M PRO-VD/S V2               |                |              |              |              |              |              | ✓           | ✓            |              |              |             |              |              |
| MSI   | A320    | A320M PRO-M2                    |                |              |              |              |              |              | ✓           | ✓            |              |              |             |              |              |

\*AMD Platform have OC limitation, only for compatability test

\* AM4 CPU in Ryzen 2000 series got 3200MHz max

\* AM4 CPU in Ryzen 3000 series got 3600-4000MHz max

\* AM4 CPU in Ryzen 5000 series got 3600-4400MHz max

PATRIOT DDR4 COMPATIBILITY FOR MSI

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| Brand | Chipset | Motherboard Model              | Viper RGB series(EOLed) |               |                |               |               |               |               |               |               |               |                |               |               |                |               |               |                |               |                |
|-------|---------|--------------------------------|-------------------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------------|---------------|---------------|----------------|---------------|----------------|
|       |         |                                | PVR416G413C9K           | PVR432G413C9K | PVR416G413C9KW | PVR416G400C9K | PVR432G400C9K | PVR416G360C6K | PVR416G360C7K | PVR416G360C8K | PVR432G360C7K | PVR432G360C8K | PVR416G360C8KW | PVR416G320C6K | PVR432G320C6K | PVR416G320C6KW | PVR416G300C5K | PVR432G300C6K | PVR416G300C5KW | PVR416G266C5K | PVR416G266C5KW |
| MSI   | B760    | B760M BOMBER DDR4              |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | B760    | MAG B760M MORTAR WIFI DDR4     |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | B760    | MAG B760M MORTAR DDR4          |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | B760    | PRO B760M-A WIFI DDR4          |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | B760    | PRO B760M-G DDR4               |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | B760    | PRO B760-P WIFI DDR4           |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | B760    | PRO B760M-E DDR4               |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | B760    | PRO B760M-P DDR4               |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | Z790    | MAG Z790 TOMAHAWK WIFI DDR4    |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | Z790    | MPG Z790 EDGE WIFI DDR4        |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | Z790    | PRO Z790-P WIFI DDR4           |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | Z790    | PRO Z790-P DDR4                |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | Z790    | PRO Z790-A WIFI DDR4           |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | Z690    | PRO Z690-A DDR4                |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | Z690    | PRO Z690-A WIFI DDR4           |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | Z690    | PRO Z690-P DDR4                |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | H670    | MAG H670 TOMAHAWK WIFI DDR4    |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | B660    | PRO B660M-P WIFI DDR4          |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | B660    | MAG B660M MORTAR MAX WIFI DDR4 |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | B660    | PRO B660M-P DDR4               |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | B660    | B660M BOMBER DDR4              |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | B660    | PRO B660-A DDR4                |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | B660    | PRO B660M-E DDR4               |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | B660    | PRO B660M-A WIFI DDR4          |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | B660    | PRO B660M-B DDR4               |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | H610    | PRO H610M-E DDR4               |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | H610    | PRO H610M-E DDR4               |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | H610    | H610M BOMBER DDR4              |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | H610    | PRO H610M-C EX                 |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | H610    | PRO H610M-B DDR4               |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | H610    | PRO H610M-G DDR4               |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | Z590    | MEG Z590 UNIFY-X               |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | Z590    | MEG Z590 UNIFY                 |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | Z590    | MPG Z590M GAMING EDGE WIFI     |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | Z590    | MPG Z590 GAMING PLUS           |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | Z590    | MPG Z590 GAMING EDGE WIFI      |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | Z590    | MPG Z590 GAMING CARBON WIFI    |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | Z590    | Z590-A PRO                     |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | Z590    | Z590 PRO WIFI                  |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | Z590    | MAG Z590 TOMAHAWK WIFI         |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | Z590    | MPG Z590 GAMING FORCE          |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | Z590    | MAG Z590 TORPEDO               |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | Z590    | MEG Z590 ACE                   |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | B560    | MPG B560I GAMING EDGE WIFI     |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | B560    | MAG B560M BAZOOKA              |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | B560    | B560M PRO-VDH                  |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | B560    | MAG B560M MORTAR               |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | B560    | B560M PRO-VDH WIFI             |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | B560    | MAG B560M MORTAR WIFI          |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | B560    | B560M PRO WIFI                 |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | B560    | B560M PRO                      |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | B560    | B560M-A PRO                    |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | B560    | MAG B560 TOMAHAWK WIFI         |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | B560    | MAG B560 TORPEDO               |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | B560    | B560M PRO-E                    |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | H510    | H510M PRO                      |                         |               |                |               |               |               |               |               |               |               |                |               |               |                |               |               |                |               |                |
| MSI   | H510    | H510M-A PRO                    |                         |               |                |               |               |               |               |               |               |               |                |               |               |                |               |               |                |               |                |
| MSI   | H510    | H510I PRO WIFI                 |                         |               |                |               |               |               |               |               |               |               |                |               |               |                |               |               |                |               |                |
| MSI   | Z490    | MEG Z490 ACE                   |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | Z490    | Z490-A PRO                     |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | Z490    | MPG Z490 GAMING PLUS           |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | Z490    | MPG Z490 GAMING PLUS           |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | Z490    | MPG Z490 GAMING EDGE WIFI      |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | Z490    | MAG Z490 TOMAHAWK              |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | Z490    | MPG Z490M GAMING EDGE WIFI     |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | Z490    | MEG Z490 GODLIKE               |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | Z490    | MEG Z490I UNIFY                |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | Z490    | MEG Z490 UNIFY                 |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | Z490    | MPG Z490 GAMING CARBON WIFI    |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | B460    | MAG B460 TORPEDO               |                         |               |                |               |               |               |               |               |               |               |                |               |               |                |               |               |                |               |                |
| MSI   | B460    | B460M PRO-VDH WIFI             |                         |               |                |               |               |               |               |               |               |               |                |               |               |                |               |               |                |               |                |
| MSI   | B460    | MPG B460I GAMING EDGE WIFI     |                         |               |                |               |               |               |               |               |               |               |                |               |               |                |               |               |                |               |                |
| MSI   | B460    | MAG B460M MORTAR WIFI          |                         |               |                |               |               |               |               |               |               |               |                |               |               |                |               |               |                |               |                |
| MSI   | B460    | MAG B460M MORTAR               |                         |               |                |               |               |               |               |               |               |               |                |               |               |                |               |               |                |               |                |
| MSI   | B460    | B460M-A PRO                    |                         |               |                |               |               |               |               |               |               |               |                |               |               |                |               |               |                |               |                |
| MSI   | B460    | B460M PRO                      |                         |               |                |               |               |               |               |               |               |               |                |               |               |                |               |               |                |               |                |
| MSI   | B460    | MAG B460 TOMAHAWK              |                         |               |                |               |               |               |               |               |               |               |                |               |               |                |               |               |                |               |                |
| MSI   | B460    | MAG B460M BAZOOKA              |                         |               |                |               |               |               |               |               |               |               |                |               |               |                |               |               |                |               |                |
| MSI   | H410    | H410I PRO WIFI                 |                         |               |                |               |               |               |               |               |               |               |                |               |               |                |               |               |                |               |                |
| MSI   | H410    | H410M-A PRO                    |                         |               |                |               |               |               |               |               |               |               |                |               |               |                |               |               |                |               |                |
| MSI   | H410    | H410M PRO                      |                         |               |                |               |               |               |               |               |               |               |                |               |               |                |               |               |                |               |                |
| MSI   | X299    | Creator X299                   |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | X570    | MEG X570 UNIFY                 |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | X570    | MEG X570S UNIFY-X MAX          |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | X570    | MEG X570 GODLIKE               |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | X570    | MPG X570S CARBON MAX WIFI      |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | X570    | MPG X570S EDGE MAX WIFI        |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |

PATRIOT DDR4 COMPATIBILITY FOR MSI

**\*\*Please Use Ctrl+F For Your Compatibility Search**



| Brand | Chipset | Motherboard Model               | Viper RGB series(EOLed) |               |                |               |               |               |               |               |               |               |                |               |               |                |               |               |                |               |                |
|-------|---------|---------------------------------|-------------------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------------|---------------|---------------|----------------|---------------|----------------|
|       |         |                                 | PVR416G413C9K           | PVR432G413C9K | PVR416G413C9KW | PVR416G400C9K | PVR432G400C9K | PVR416G360C6K | PVR416G360C7K | PVR416G360C8K | PVR432G360C7K | PVR432G360C8K | PVR416G360C8KW | PVR416G320C6K | PVR432G320C6K | PVR416G320C6KW | PVR416G300C5K | PVR432G300C6K | PVR416G300C5KW | PVR416G266C5K | PVR416G266C5KW |
| MSI   | X570    | MPG X570 GAMING PRO CARBON WIFI |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | X570    | MPG X570 GAMING EDGE WIFI       |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | X570    | MAG X570S TOMAHAWK MAX WIFI     |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | X570    | MAG X570S TORPEDO MAX           |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | X570    | MPG X570 GAMING PLUS            |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | X570    | PRESTIGE X570 CREATION          |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | X570    | X570-A PRO                      |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | X570    | MEG X570S ACE MAX               |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | X570    | MEG X570 ACE                    |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | X570    | MAG X570 TOMAHAWK WIFI          |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | B550    | MPG B550 GAMING CARBON WIFI     |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | B550    | B550M PRO                       |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | B550    | B550M PRO-VDH WIFI              |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | B550    | B550M PRO-VDH                   |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | B550    | MPG B550I GAMING EDGE WIFI      |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | B550    | MAG B550M MORTAR WIFI           |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | B550    | MAG B550 TORPEDO                |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | B550    | MAG B550M MORTAR                |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | B550    | MAG B550 TOMAHAWK               |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | B550    | MPG B550I GAMING EDGE MAX WIFI  |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | B550    | B550-A PRO                      |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | B550    | MPG B550 GAMING PLUS            |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | B550    | MPG B550 GAMING EDGE WIFI       |                         |               |                |               |               |               |               | ✓             |               |               | ✓              |               |               | ✓              |               |               |                |               |                |
| MSI   | B550    | MEG B550 UNIFY-X                |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | B550    | MEG B550 UNIFY                  |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | B550    | MAG B550M BAZOOKA               |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | X470    | X470 GAMING PLUS MAX            |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | B450    | B450 TOMAHAWK MAX               |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | B450    | B450M PRO-VDH PLUS              |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | B450    | B450M MORTAR MAX                |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | B450    | B450M PRO-VDH MAX               |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | B450    | B450M PRO-VDH V2                |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | B450    | B450M PRO-M2 MAX                |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | B450    | B450 TOMAHAWK                   |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | B450    | B450 GAMING PRO CARBON MAX WIFI |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | B450    | B450M BAZOOKA PLUS              |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | B450    | B450M MORTAR TITANIUM           |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | B450    | B450M MORTAR                    |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | B450    | B450M BAZOOKA                   |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | B450    | B450M BAZOOKA V2                |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | B450    | B450M-A PRO MAX                 |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | TRX40   | TRX40 PRO WIFI                  |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | TRX40   | Creator TRX40                   |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | A320    | A320M-A PRO MAX                 |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | A320    | A320M-A PRO                     |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | A320    | A320M PRO-VD/S V2               |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |
| MSI   | A320    | A320M PRO-M2                    |                         |               |                |               |               |               |               |               |               |               |                | ✓             |               | ✓              |               |               |                |               |                |

\*AMD Platform have OC limitation, only for compatbility test

\* AM4 CPU in Ryzen 2000 series got 3200MHz max

\* AM4 CPU in Ryzen 3000 series got 3600-4000MHz max

\* AM4 CPU in Ryzen 5000 series got 3600-4400MHz max



| Brand | Chipset | Motherboard Model              | Viper LED series (EOLed) |                |                 |                  |                |                 |
|-------|---------|--------------------------------|--------------------------|----------------|-----------------|------------------|----------------|-----------------|
|       |         |                                | PVLW416G360C5K           | PVLW416G320C6K | PVLR48G300C5K/W | WVLR416G300C5K/W | PVLR416G266C5K | VLR416G240C4K/W |
| MSI   | B760    | B760M BOMBER DDR4              |                          | ✓              |                 |                  |                |                 |
| MSI   | B760    | MAG B760M MORTAR WIFI DDR4     |                          | ✓              |                 |                  |                |                 |
| MSI   | B760    | MAG B760M MORTAR DDR4          |                          | ✓              |                 |                  |                |                 |
| MSI   | B760    | PRO B760M-A WIFI DDR4          |                          | ✓              |                 |                  |                |                 |
| MSI   | B760    | PRO B760M-G DDR4               |                          | ✓              |                 |                  |                |                 |
| MSI   | B760    | PRO B760-P WIFI DDR4           |                          | ✓              |                 |                  |                |                 |
| MSI   | B760    | PRO B760M-E DDR4               |                          | ✓              |                 |                  |                |                 |
| MSI   | B760    | PRO B760M-P DDR4               |                          | ✓              |                 |                  |                |                 |
| MSI   | Z790    | MAG Z790 TOMAHAWK WIFI DDR4    |                          | ✓              |                 |                  |                |                 |
| MSI   | Z790    | MPG Z790 EDGE WIFI DDR4        |                          | ✓              |                 |                  |                |                 |
| MSI   | Z790    | PRO Z790-P WIFI DDR4           |                          | ✓              |                 |                  |                |                 |
| MSI   | Z790    | PRO Z790-P DDR4                |                          | ✓              |                 |                  |                |                 |
| MSI   | Z790    | PRO Z790-A WIFI DDR4           |                          | ✓              |                 |                  |                |                 |
| MSI   | Z690    | PRO Z690-A DDR4                |                          | ✓              |                 |                  |                |                 |
| MSI   | Z690    | PRO Z690-A WIFI DDR4           |                          | ✓              |                 |                  |                |                 |
| MSI   | Z690    | PRO Z690-P DDR4                |                          | ✓              |                 |                  |                |                 |
| MSI   | H670    | MAG H670 TOMAHAWK WIFI DDR4    |                          | ✓              |                 |                  |                |                 |
| MSI   | B660    | PRO B660M-P WIFI DDR4          |                          | ✓              |                 |                  |                |                 |
| MSI   | B660    | MAG B660M MORTAR MAX WIFI DDR4 |                          | ✓              |                 |                  |                |                 |
| MSI   | B660    | PRO B660M-P DDR4               |                          | ✓              |                 |                  |                |                 |
| MSI   | B660    | B660M BOMBER DDR4              |                          | ✓              |                 |                  |                |                 |
| MSI   | B660    | PRO B660-A DDR4                |                          | ✓              |                 |                  |                |                 |
| MSI   | B660    | PRO B660M-E DDR4               |                          | ✓              |                 |                  |                |                 |
| MSI   | B660    | PRO B660M-A WIFI DDR4          |                          | ✓              |                 |                  |                |                 |
| MSI   | B660    | PRO B660M-B DDR4               |                          | ✓              |                 |                  |                |                 |
| MSI   | H610    | PRO H610M-E DDR4               |                          | ✓              |                 |                  |                |                 |
| MSI   | H610    | PRO H610M-E DDR4               |                          | ✓              |                 |                  |                |                 |
| MSI   | H610    | H610M BOMBER DDR4              |                          | ✓              |                 |                  |                |                 |
| MSI   | H610    | PRO H610M-C EX                 |                          | ✓              |                 |                  |                |                 |
| MSI   | H610    | PRO H610M-B DDR4               |                          | ✓              |                 |                  |                |                 |
| MSI   | H610    | PRO H610M-G DDR4               |                          | ✓              |                 |                  |                |                 |
| MSI   | Z590    | MEG Z590 UNIFY-X               |                          | ✓              |                 |                  |                |                 |
| MSI   | Z590    | MEG Z590 UNIFY                 |                          | ✓              |                 |                  |                |                 |
| MSI   | Z590    | MPG Z590M GAMING EDGE WIFI     |                          | ✓              |                 |                  |                |                 |
| MSI   | Z590    | MPG Z590 GAMING PLUS           |                          | ✓              |                 |                  |                |                 |
| MSI   | Z590    | MPG Z590 GAMING EDGE WIFI      |                          | ✓              |                 |                  |                |                 |
| MSI   | Z590    | MPG Z590 GAMING CARBON WIFI    |                          | ✓              |                 |                  |                |                 |
| MSI   | Z590    | Z590-A PRO                     |                          | ✓              |                 |                  |                |                 |
| MSI   | Z590    | Z590 PRO WIFI                  |                          | ✓              |                 |                  |                |                 |
| MSI   | Z590    | MAG Z590 TOMAHAWK WIFI         |                          | ✓              |                 |                  |                |                 |
| MSI   | Z590    | MPG Z590 GAMING FORCE          |                          | ✓              |                 |                  |                |                 |
| MSI   | Z590    | MAG Z590 TORPEDO               |                          | ✓              |                 |                  |                |                 |
| MSI   | Z590    | MEG Z590 ACE                   |                          | ✓              |                 |                  |                |                 |
| MSI   | B560    | MPG B560I GAMING EDGE WIFI     |                          | ✓              |                 |                  |                |                 |
| MSI   | B560    | MAG B560M BAZOOKA              |                          | ✓              |                 |                  |                |                 |
| MSI   | B560    | B560M PRO-VDH                  |                          | ✓              |                 |                  |                |                 |
| MSI   | B560    | MAG B560M MORTAR               |                          | ✓              |                 |                  |                |                 |
| MSI   | B560    | B560M PRO-VDH WIFI             |                          | ✓              |                 |                  |                |                 |
| MSI   | B560    | MAG B560M MORTAR WIFI          |                          | ✓              |                 |                  |                |                 |
| MSI   | B560    | B560M PRO WIFI                 |                          | ✓              |                 |                  |                |                 |
| MSI   | B560    | B560M PRO                      |                          | ✓              |                 |                  |                |                 |
| MSI   | B560    | B560M-A PRO                    |                          | ✓              |                 |                  |                |                 |
| MSI   | B560    | MAG B560 TOMAHAWK WIFI         |                          | ✓              |                 |                  |                |                 |
| MSI   | B560    | MAG B560 TORPEDO               |                          | ✓              |                 |                  |                |                 |
| MSI   | B560    | B560M PRO-E                    |                          | ✓              |                 |                  |                |                 |
| MSI   | H510    | H510M PRO                      |                          |                |                 |                  |                |                 |
| MSI   | H510    | H510M-A PRO                    |                          |                |                 |                  |                |                 |
| MSI   | H510    | H510I PRO WIFI                 |                          |                |                 |                  |                |                 |
| MSI   | Z490    | MEG Z490 ACE                   |                          | ✓              |                 |                  |                |                 |
| MSI   | Z490    | Z490-A PRO                     |                          | ✓              |                 |                  |                |                 |
| MSI   | Z490    | MPG Z490 GAMING PLUS           |                          | ✓              |                 |                  |                |                 |
| MSI   | Z490    | MPG Z490 GAMING PLUS           |                          | ✓              |                 |                  |                |                 |
| MSI   | Z490    | MPG Z490 GAMING EDGE WIFI      |                          | ✓              |                 |                  |                |                 |
| MSI   | Z490    | MAG Z490 TOMAHAWK              |                          | ✓              |                 |                  |                |                 |
| MSI   | Z490    | MPG Z490M GAMING EDGE WIFI     |                          | ✓              |                 |                  |                |                 |
| MSI   | Z490    | MEG Z490 GODLIKE               |                          | ✓              |                 |                  |                |                 |
| MSI   | Z490    | MEG Z490I UNIFY                |                          | ✓              |                 |                  |                |                 |
| MSI   | Z490    | MEG Z490 UNIFY                 |                          | ✓              |                 |                  |                |                 |
| MSI   | Z490    | MPG Z490 GAMING CARBON WIFI    |                          | ✓              |                 |                  |                |                 |
| MSI   | B460    | MAG B460 TORPEDO               |                          |                |                 |                  |                |                 |
| MSI   | B460    | B460M PRO-VDH WIFI             |                          |                |                 |                  |                |                 |
| MSI   | B460    | MPG B460I GAMING EDGE WIFI     |                          |                |                 |                  |                |                 |
| MSI   | B460    | MAG B460M MORTAR WIFI          |                          |                |                 |                  |                |                 |
| MSI   | B460    | MAG B460M MORTAR               |                          |                |                 |                  |                |                 |
| MSI   | B460    | B460M-A PRO                    |                          |                |                 |                  |                |                 |
| MSI   | B460    | B460M PRO                      |                          |                |                 |                  |                |                 |
| MSI   | B460    | MAG B460 TOMAHAWK              |                          |                |                 |                  |                |                 |
| MSI   | B460    | MAG B460M BAZOOKA              |                          |                |                 |                  |                |                 |
| MSI   | H410    | H410I PRO WIFI                 |                          |                |                 |                  |                |                 |
| MSI   | H410    | H410M-A PRO                    |                          |                |                 |                  |                |                 |
| MSI   | H410    | H410M PRO                      |                          |                |                 |                  |                |                 |
| MSI   | X299    | Creator X299                   |                          | ✓              |                 |                  |                |                 |
| MSI   | X570    | MEG X570 UNIFY                 |                          | ✓              |                 |                  |                |                 |
| MSI   | X570    | MEG X570S UNIFY-X MAX          |                          | ✓              |                 |                  |                |                 |
| MSI   | X570    | MEG X570 GODLIKE               |                          | ✓              |                 |                  |                |                 |
| MSI   | X570    | MPG X570S CARBON MAX WIFI      |                          | ✓              |                 |                  |                |                 |
| MSI   | X570    | MPG X570S EDGE MAX WIFI        |                          | ✓              |                 |                  |                |                 |



| Brand | Chipset | Motherboard Model               | Viper LED series (EOLed) |                |                 |                 |                |                 |
|-------|---------|---------------------------------|--------------------------|----------------|-----------------|-----------------|----------------|-----------------|
|       |         |                                 | PVLW416G360C6K           | PVLW416G320C6K | PVLR48G300C5K/W | VLR416G300C5K/W | PVLR416G266C5K | VLR416G240C4K/W |
| MSI   | X570    | MPG X570 GAMING PRO CARBON WIFI |                          | ✓              |                 |                 |                |                 |
| MSI   | X570    | MPG X570 GAMING EDGE WIFI       |                          | ✓              |                 |                 |                |                 |
| MSI   | X570    | MAG X570S TOMAHAWK MAX WIFI     |                          | ✓              |                 |                 |                |                 |
| MSI   | X570    | MAG X570S TORPEDO MAX           |                          | ✓              |                 |                 |                |                 |
| MSI   | X570    | MPG X570 GAMING PLUS            |                          | ✓              |                 |                 |                |                 |
| MSI   | X570    | PRESTIGE X570 CREATION          |                          | ✓              |                 |                 |                |                 |
| MSI   | X570    | X570-A PRO                      |                          | ✓              |                 |                 |                |                 |
| MSI   | X570    | MEG X570S ACE MAX               |                          | ✓              |                 |                 |                |                 |
| MSI   | X570    | MEG X570 ACE                    |                          | ✓              |                 |                 |                |                 |
| MSI   | X570    | MAG X570 TOMAHAWK WIFI          |                          | ✓              |                 |                 |                |                 |
| MSI   | B550    | MPG B550 GAMING CARBON WIFI     |                          | ✓              |                 |                 |                |                 |
| MSI   | B550    | B550M PRO                       |                          | ✓              |                 |                 |                |                 |
| MSI   | B550    | B550M PRO-VDH WIFI              |                          | ✓              |                 |                 |                |                 |
| MSI   | B550    | B550M PRO-VDH                   |                          | ✓              |                 |                 |                |                 |
| MSI   | B550    | MPG B550I GAMING EDGE WIFI      |                          | ✓              |                 |                 |                |                 |
| MSI   | B550    | MAG B550M MORTAR WIFI           |                          | ✓              |                 |                 |                |                 |
| MSI   | B550    | MAG B550 TORPEDO                |                          | ✓              |                 |                 |                |                 |
| MSI   | B550    | MAG B550M MORTAR                |                          | ✓              |                 |                 |                |                 |
| MSI   | B550    | MAG B550 TOMAHAWK               |                          | ✓              |                 |                 |                |                 |
| MSI   | B550    | MPG B550I GAMING EDGE MAX WIFI  |                          | ✓              |                 |                 |                |                 |
| MSI   | B550    | B550-A PRO                      |                          | ✓              |                 |                 |                |                 |
| MSI   | B550    | MPG B550 GAMING PLUS            |                          | ✓              |                 |                 |                |                 |
| MSI   | B550    | MPG B550 GAMING EDGE WIFI       |                          | ✓              |                 |                 |                |                 |
| MSI   | B550    | MEG B550 UNIFY-X                |                          | ✓              |                 |                 |                |                 |
| MSI   | B550    | MEG B550 UNIFY                  |                          | ✓              |                 |                 |                |                 |
| MSI   | B550    | MAG B550M BAZOOKA               |                          | ✓              |                 |                 |                |                 |
| MSI   | X470    | X470 GAMING PLUS MAX            |                          | ✓              |                 |                 |                |                 |
| MSI   | B450    | B450 TOMAHAWK MAX               |                          | ✓              |                 |                 |                |                 |
| MSI   | B450    | B450M PRO-VDH PLUS              |                          | ✓              |                 |                 |                |                 |
| MSI   | B450    | B450M MORTAR MAX                |                          | ✓              |                 |                 |                |                 |
| MSI   | B450    | B450M PRO-VDH MAX               |                          | ✓              |                 |                 |                |                 |
| MSI   | B450    | B450M PRO-VDH V2                |                          | ✓              |                 |                 |                |                 |
| MSI   | B450    | B450M PRO-M2 MAX                |                          | ✓              |                 |                 |                |                 |
| MSI   | B450    | B450 TOMAHAWK                   |                          | ✓              |                 |                 |                |                 |
| MSI   | B450    | B450 GAMING PRO CARBON MAX WIFI |                          | ✓              |                 |                 |                |                 |
| MSI   | B450    | B450M BAZOOKA PLUS              |                          | ✓              |                 |                 |                |                 |
| MSI   | B450    | B450M MORTAR TITANIUM           |                          | ✓              |                 |                 |                |                 |
| MSI   | B450    | B450M MORTAR                    |                          | ✓              |                 |                 |                |                 |
| MSI   | B450    | B450M BAZOOKA                   |                          | ✓              |                 |                 |                |                 |
| MSI   | B450    | B450M BAZOOKA V2                |                          | ✓              |                 |                 |                |                 |
| MSI   | B450    | B450M-A PRO MAX                 |                          | ✓              |                 |                 |                |                 |
| MSI   | TRX40   | TRX40 PRO WIFI                  |                          | ✓              |                 |                 |                |                 |
| MSI   | TRX40   | Creator TRX40                   |                          | ✓              |                 |                 |                |                 |
| MSI   | A320    | A320M-A PRO MAX                 |                          | ✓              |                 |                 |                |                 |
| MSI   | A320    | A320M-A PRO                     |                          | ✓              |                 |                 |                |                 |
| MSI   | A320    | A320M PRO-VD/S V2               |                          | ✓              |                 |                 |                |                 |
| MSI   | A320    | A320M PRO-M2                    |                          | ✓              |                 |                 |                |                 |

\*AMD Platform have OC limitation, only for compatability test  
\* AM4 CPU in Ryzen 2000 series got 3200MHz max  
\* AM4 CPU in Ryzen 3000 series got 3600-4000MHz max  
\* AM4 CPU in Ryzen 5000 series got 3600-4400MHz max

PATRIOT DDR4 COMPATIBILITY FOR MSI

**\*\*Please Use Ctrl+F For Your Compatibility Search**



| Brand |      | Chipset | Motherboard Model              | Viper 4 Elite series(EOLed) |                 |                 |                |                 |                 |               |                |                |                 |                 |               |               |                |               |               |                |                 |                 |
|-------|------|---------|--------------------------------|-----------------------------|-----------------|-----------------|----------------|-----------------|-----------------|---------------|----------------|----------------|-----------------|-----------------|---------------|---------------|----------------|---------------|---------------|----------------|-----------------|-----------------|
|       |      |         |                                | PVE48G280C6KRD              | PVE416G280C6KRD | PVE432G280C6KRD | PVE48G240C5KRD | PVE416G240C5KRD | PVE432G240C5KRD | PVE48G266C6GY | PVE416G266C6GY | PVE48G266C6KGY | PVE416G266C6KGY | PVE432G266C6KGY | PVE44G240C6GY | PVE48G240C6GY | PVE416G240C6GY | PVE44G213C4GY | PVE48G213C4GY | PVE48G213C4KGY | PVE416G213C4KGY | PVE432G213C4KGY |
| MSI   | B760 |         | B760M BOMBER DDR4              |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B760 |         | MAG B760M MORTAR WIFI DDR4     |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B760 |         | MAG B760M MORTAR DDR4          |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B760 |         | PRO B760M-A WIFI DDR4          |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B760 |         | PRO B760M-G DDR4               |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B760 |         | PRO B760-P WIFI DDR4           |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B760 |         | PRO B760M-E DDR4               |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B760 |         | PRO B760M-P DDR4               |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | Z790 |         | MAG Z790 TOMAHAWK WIFI DDR4    |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | Z790 |         | MPG Z790 EDGE WIFI DDR4        |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | Z790 |         | PRO Z790-P WIFI DDR4           |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | Z790 |         | PRO Z790-P DDR4                |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | Z790 |         | PRO Z790-A WIFI DDR4           |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | Z690 |         | PRO Z690-A DDR4                |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | Z690 |         | PRO Z690-A WIFI DDR4           |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | Z690 |         | PRO Z690-P DDR4                |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | H670 |         | MAG H670 TOMAHAWK WIFI DDR4    |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B660 |         | PRO B660M-P WIFI DDR4          |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B660 |         | MAG B660M MORTAR MAX WIFI DDR4 |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B660 |         | PRO B660M-P DDR4               |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B660 |         | B660M BOMBER DDR4              |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B660 |         | PRO B660-A DDR4                |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B660 |         | PRO B660M-E DDR4               |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B660 |         | PRO B660M-A WIFI DDR4          |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B660 |         | PRO B660M-B DDR4               |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | H610 |         | PRO H610M-E DDR4               |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | H610 |         | PRO H610M-E DDR4               |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | H610 |         | H610M BOMBER DDR4              |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | H610 |         | PRO H610M-C EX                 |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | H610 |         | PRO H610M-B DDR4               |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | H610 |         | PRO H610M-G DDR4               |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | Z590 |         | MEG Z590 UNIFY-X               |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | Z590 |         | MEG Z590 UNIFY                 |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | Z590 |         | MPG Z590M GAMING EDGE WIFI     |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | Z590 |         | MPG Z590 GAMING PLUS           |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | Z590 |         | MPG Z590 GAMING EDGE WIFI      |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | Z590 |         | MPG Z590 GAMING CARBON WIFI    |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | Z590 |         | Z590-A PRO                     |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | Z590 |         | Z590 PRO WIFI                  |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | Z590 |         | MAG Z590 TOMAHAWK WIFI         |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | Z590 |         | MPG Z590 GAMING FORCE          |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | Z590 |         | MAG Z590 TORPEDO               |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | Z590 |         | MEG Z590 ACE                   |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B560 |         | MPG B560I GAMING EDGE WIFI     |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B560 |         | MAG B560M BAZOOKA              |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B560 |         | B560M PRO-VDH                  |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B560 |         | MAG B560M MORTAR               |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B560 |         | B560M PRO-VDH WIFI             |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B560 |         | MAG B560M MORTAR WIFI          |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B560 |         | B560M PRO WIFI                 |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B560 |         | B560M PRO                      |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B560 |         | B560M-A PRO                    |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B560 |         | MAG B560 TOMAHAWK WIFI         |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B560 |         | MAG B560 TORPEDO               |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B560 |         | B560M PRO-E                    |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | H510 |         | H510M PRO                      |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | H510 |         | H510M-A PRO                    |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | H510 |         | H510I PRO WIFI                 |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | Z490 |         | MEG Z490 ACE                   |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | Z490 |         | Z490-A PRO                     |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | Z490 |         | MPG Z490 GAMING PLUS           |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | Z490 |         | MPG Z490 GAMING PLUS           |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | Z490 |         | MPG Z490 GAMING EDGE WIFI      |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | Z490 |         | MAG Z490 TOMAHAWK              |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | Z490 |         | MPG Z490M GAMING EDGE WIFI     |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | Z490 |         | MEG Z490 GODLIKE               |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | Z490 |         | MEG Z490I UNIFY                |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | Z490 |         | MEG Z490 UNIFY                 |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | Z490 |         | MPG Z490 GAMING CARBON WIFI    |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B460 |         | MAG B460 TORPEDO               |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B460 |         | B460M PRO-VDH WIFI             |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B460 |         | MPG B460I GAMING EDGE WIFI     |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B460 |         | MAG B460M MORTAR WIFI          |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B460 |         | MAG B460M MORTAR               |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B460 |         | B460M-A PRO                    |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B460 |         | B460M PRO                      |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B460 |         | MAG B460 TOMAHAWK              |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B460 |         | MAG B460M BAZOOKA              |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | H410 |         | H410I PRO WIFI                 |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | H410 |         | H410M-A PRO                    |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               |                |               |               |                |                 |                 |

PATRIOT DDR4 COMPATIBILITY FOR MSI

**\*\*Please Use Ctrl+F For Your Compatibility Search**



| Brand | Chipset | Motherboard Model               | Viper 4 Elite series(EOLed) |                 |                 |                |                 |                 |               |                |                |                 |                 |               |               |                |               |               |                |                 |                 |
|-------|---------|---------------------------------|-----------------------------|-----------------|-----------------|----------------|-----------------|-----------------|---------------|----------------|----------------|-----------------|-----------------|---------------|---------------|----------------|---------------|---------------|----------------|-----------------|-----------------|
|       |         |                                 | PVE48G280C6KRD              | PVE416G280C6KRD | PVE432G280C6KRD | PVE48G240C5KRD | PVE416G240C5KRD | PVE432G240C5KRD | PVE48G266C6GY | PVE416G266C6GY | PVE48G266C6KGY | PVE416G266C6KGY | PVE432G266C6KGY | PVE44G240C6GY | PVE48G240C6GY | PVE416G240C6GY | PVE44G213C4GY | PVE48G213C4GY | PVE48G213C4KGY | PVE416G213C4KGY | PVE432G213C4KGY |
| MSI   | X570    | MPG X570 GAMING PRO CARBON WIFI |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | X570    | MPG X570 GAMING EDGE WIFI       |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | X570    | MAG X570S TOMAHAWK MAX WIFI     |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | X570    | MAG X570S TORPEDO MAX           |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | X570    | MPG X570 GAMING PLUS            |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | X570    | PRESTIGE X570 CREATION          |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | X570    | X570-A PRO                      |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | X570    | MEG X570S ACE MAX               |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | X570    | MEG X570 ACE                    |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | X570    | MAG X570 TOMAHAWK WIFI          |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B550    | MPG B550 GAMING CARBON WIFI     |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B550    | B550M PRO                       |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B550    | B550M PRO-VDH WIFI              |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B550    | B550M PRO-VDH                   |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B550    | MPG B550I GAMING EDGE WIFI      |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B550    | MAG B550M MORTAR WIFI           |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B550    | MAG B550 TORPEDO                |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B550    | MAG B550M MORTAR                |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B550    | MAG B550 TOMAHAWK               |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B550    | MPG B550I GAMING EDGE MAX WIFI  |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B550    | B550-A PRO                      |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B550    | MPG B550 GAMING PLUS            |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B550    | MPG B550 GAMING EDGE WIFI       |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B550    | MEG B550 UNIFY-X                |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B550    | MEG B550 UNIFY                  |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B550    | MAG B550M BAZOOKA               |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | X470    | X470 GAMING PLUS MAX            |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B450    | B450 TOMAHAWK MAX               |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B450    | B450M PRO-VDH PLUS              |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B450    | B450M MORTAR MAX                |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B450    | B450M PRO-VDH MAX               |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B450    | B450M PRO-VDH V2                |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B450    | B450M PRO-M2 MAX                |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B450    | B450 TOMAHAWK                   |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B450    | B450 GAMING PRO CARBON MAX WIFI |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B450    | B450M BAZOOKA PLUS              |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B450    | B450M MORTAR TITANIUM           |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B450    | B450M MORTAR                    |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B450    | B450M BAZOOKA                   |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B450    | B450M BAZOOKA V2                |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | B450    | B450M-A PRO MAX                 |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | TRX40   | TRX40 PRO WIFI                  |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | TRX40   | Creator TRX40                   |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | A320    | A320M-A PRO MAX                 |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | A320    | A320M-A PRO                     |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | A320    | A320M PRO-VD/S V2               |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |
| MSI   | A320    | A320M PRO-M2                    |                             |                 |                 | ✓              |                 |                 |               |                |                |                 |                 |               |               | ✓              |               |               |                |                 |                 |

\*AMD Platform have OC limitation, only for compatbility test

\* AM4 CPU in Ryzen 2000 series got 3200MHz max

\* AM4 CPU in Ryzen 3000 series got 3600-4000MHz max

\* AM4 CPU in Ryzen 5000 series got 3600-4400MHz max

**\*\*Please Use Ctrl+F For Your Compatibility Search**



| Brand | Chipset | Motherboard Model              | SL Premium Series |                |                |                 |                |                |                |                |                |                 |                |               |                |  |
|-------|---------|--------------------------------|-------------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|---------------|----------------|--|
|       |         |                                | PSP432G3200KH1    | PSP432G32002H1 | PSP416G3200KH1 | PSP416G320081H1 | PSP416G32002H1 | PSP48G320081H1 | PSP432G2666KH1 | PSP432G26662H1 | PSP416G2666KH1 | PSP416G266681H1 | PSP416G26662H1 | PSP48G2666KH1 | PSP48G266681H1 |  |
| MSI   | B760    | B760M BOMBER DDR4              |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B760    | MAG B760M MORTAR WIFI DDR4     |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B760    | MAG B760M MORTAR DDR4          |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B760    | PRO B760M-A WIFI DDR4          |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B760    | PRO B760M-G DDR4               |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B760    | PRO B760-P WIFI DDR4           |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B760    | PRO B760M-E DDR4               |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B760    | PRO B760M-P DDR4               |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | Z790    | MAG Z790 TOMAHAWK WIFI DDR4    |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | Z790    | MPG Z790 EDGE WIFI DDR4        |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | Z790    | PRO Z790-P WIFI DDR4           |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | Z790    | PRO Z790-P DDR4                |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | Z790    | PRO Z790-A WIFI DDR4           |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | Z690    | PRO Z690-A DDR4                |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | Z690    | PRO Z690-A WIFI DDR4           |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | Z690    | PRO Z690-P DDR4                |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | H670    | MAG H670 TOMAHAWK WIFI DDR4    |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B660    | PRO B660M-P WIFI DDR4          |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B660    | MAG B660M MORTAR MAX WIFI DDR4 |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B660    | PRO B660M-P DDR4               |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B660    | B660M BOMBER DDR4              |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B660    | PRO B660-A DDR4                |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B660    | PRO B660M-E DDR4               |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B660    | PRO B660M-A WIFI DDR4          |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B660    | PRO B660M-B DDR4               |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | H610    | PRO H610M-E DDR4               |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | H610    | PRO H610M-E DDR4               |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | H610    | H610M BOMBER DDR4              |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | H610    | PRO H610M-C EX                 |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | H610    | PRO H610M-B DDR4               |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | H610    | PRO H610M-G DDR4               |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | Z590    | MEG Z590 UNIFY-X               |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | Z590    | MEG Z590 UNIFY                 |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | Z590    | MPG Z590M GAMING EDGE WIFI     |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | Z590    | MPG Z590 GAMING PLUS           |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | Z590    | MPG Z590 GAMING EDGE WIFI      |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | Z590    | MPG Z590 GAMING CARBON WIFI    |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | Z590    | Z590-A PRO                     |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | Z590    | Z590 PRO WIFI                  |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | Z590    | MAG Z590 TOMAHAWK WIFI         |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | Z590    | MPG Z590 GAMING FORCE          |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | Z590    | MAG Z590 TORPEDO               |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | Z590    | MEG Z590 ACE                   |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B560    | MPG B560I GAMING EDGE WIFI     |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B560    | MAG B560M BAZOOKA              |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B560    | B560M PRO-VDH                  |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B560    | MAG B560M MORTAR               |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B560    | B560M PRO-VDH WIFI             |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B560    | MAG B560M MORTAR WIFI          |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B560    | B560M PRO WIFI                 |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B560    | B560M PRO                      |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B560    | B560M-A PRO                    |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B560    | MAG B560 TOMAHAWK WIFI         |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B560    | MAG B560 TORPEDO               |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B560    | B560M PRO-E                    |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | H510    | H510M PRO                      |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | H510    | H510M-A PRO                    |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | H510    | H510I PRO WIFI                 |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | Z490    | MEG Z490 ACE                   |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | Z490    | Z490-A PRO                     |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | Z490    | MPG Z490 GAMING PLUS           |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | Z490    | MPG Z490 GAMING PLUS           |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | Z490    | MPG Z490 GAMING EDGE WIFI      |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | Z490    | MAG Z490 TOMAHAWK              |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | Z490    | MPG Z490M GAMING EDGE WIFI     |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | Z490    | MEG Z490 GODLIKE               |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | Z490    | MEG Z490I UNIFY                |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | Z490    | MEG Z490 UNIFY                 |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | Z490    | MPG Z490 GAMING CARBON WIFI    |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B460    | MAG B460 TORPEDO               |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B460    | B460M PRO-VDH WIFI             |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B460    | MPG B460I GAMING EDGE WIFI     |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B460    | MAG B460M MORTAR WIFI          |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B460    | MAG B460M MORTAR               |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B460    | B460M-A PRO                    |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B460    | B460M PRO                      |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B460    | MAG B460 TOMAHAWK              |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | B460    | MAG B460M BAZOOKA              |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | H410    | H410I PRO WIFI                 |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | H410    | H410M-A PRO                    |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | H410    | H410M PRO                      |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | X299    | Creator X299                   |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | X570    | MEG X570 UNIFY                 |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | X570    | MEG X570S UNIFY-X MAX          |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | X570    | MEG X570 GODLIKE               |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | X570    | MPG X570S CARBON MAX WIFI      |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |
| MSI   | X570    | MPG X570S EDGE MAX WIFI        |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |  |

PATRIOT DDR4 COMPATIBILITY FOR MSI

**\*\*Please Use Ctrl+F For Your Compatibility Search**



| Brand | Chipset | Motherboard Model               | SL Premium Series |                |                |                 |                |                |                |                |                |                 |                |               |                |
|-------|---------|---------------------------------|-------------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|---------------|----------------|
|       |         |                                 | PSP432G3200KH1    | PSP432G32002H1 | PSP416G3200KH1 | PSP416G320081H1 | PSP416G32002H1 | PSP48G320081H1 | PSP432G2666KH1 | PSP432G26662H1 | PSP416G2666KH1 | PSP416G266681H1 | PSP416G26662H1 | PSP48G2666KH1 | PSP48G266681H1 |
| MSI   | X570    | MPG X570 GAMING PRO CARBON WIFI |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | X570    | MPG X570 GAMING EDGE WIFI       |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | X570    | MAG X570S TOMAHAWK MAX WIFI     |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | X570    | MAG X570S TORPEDO MAX           |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | X570    | MPG X570 GAMING PLUS            |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | X570    | PRESTIGE X570 CREATION          |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | X570    | X570-A PRO                      |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | X570    | MEG X570S ACE MAX               |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | X570    | MEG X570 ACE                    |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | X570    | MAG X570 TOMAHAWK WIFI          |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | B550    | MPG B550 GAMING CARBON WIFI     |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | B550    | B550M PRO                       |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | B550    | B550M PRO-VDH WIFI              |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | B550    | B550M PRO-VDH                   |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | B550    | MPG B550I GAMING EDGE WIFI      |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | B550    | MAG B550M MORTAR WIFI           |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | B550    | MAG B550 TORPEDO                |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | B550    | MAG B550M MORTAR                |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | B550    | MAG B550 TOMAHAWK               |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | B550    | MPG B550I GAMING EDGE MAX WIFI  |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | B550    | B550-A PRO                      |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | B550    | MPG B550 GAMING PLUS            |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | B550    | MPG B550 GAMING EDGE WIFI       |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | B550    | MEG B550 UNIFY-X                |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | B550    | MEG B550 UNIFY                  |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | B550    | MAG B550M BAZOOKA               |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | X470    | X470 GAMING PLUS MAX            |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | B450    | B450 TOMAHAWK MAX               |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | B450    | B450M PRO-VDH PLUS              |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | B450    | B450M MORTAR MAX                |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | B450    | B450M PRO-VDH MAX               |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | B450    | B450M PRO-VDH V2                |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | B450    | B450M PRO-M2 MAX                |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | B450    | B450 TOMAHAWK                   |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | B450    | B450 GAMING PRO CARBON MAX WIFI |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | B450    | B450M BAZOOKA PLUS              |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | B450    | B450M MORTAR TITANIUM           |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | B450    | B450M MORTAR                    |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | B450    | B450M BAZOOKA                   |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | B450    | B450M BAZOOKA V2                |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | B450    | B450M-A PRO MAX                 |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | TRX40   | TRX40 PRO WIFI                  |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | TRX40   | Creator TRX40                   |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | A320    | A320M-A PRO MAX                 |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | A320    | A320M-A PRO                     |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | A320    | A320M PRO-VD/S V2               |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |
| MSI   | A320    | A320M PRO-M2                    |                   |                |                | ✓               |                |                |                |                |                |                 |                |               |                |

\*AMD Platform have OC limitation, only for compatability test

\* AM4 CPU in Ryzen 2000 series got 3200MHz max

\* AM4 CPU in Ryzen 3000 series got 3600-4000MHz max

\* AM4 CPU in Ryzen 5000 series got 3600-4400MHz max

PATRIOT DDR4 COMPATIBILITY FOR MSI

**\*\*Please Use Ctrl+F For Your Compatibility Search**



| Brand | Chipset | Motherboard Model              | SL series    |              |              |               |              |              |              |              |              |               |              |              |
|-------|---------|--------------------------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|
|       |         |                                | PSD432G3200K | PSD432G32002 | PSD416G3200K | PSD416G320081 | PSD416G32002 | PSD48G320081 | PSD432G2666K | PSD432G26662 | PSD416G2666K | PSD416G266681 | PSD416G26662 | PSD48G266681 |
| MSI   | B760    | B760M BOMBER DDR4              |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | B760    | MAG B760M MORTAR WIFI DDR4     |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | B760    | MAG B760M MORTAR DDR4          |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | B760    | PRO B760M-A WIFI DDR4          |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | B760    | PRO B760M-G DDR4               |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | B760    | PRO B760-P WIFI DDR4           |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | B760    | PRO B760M-E DDR4               |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | B760    | PRO B760M-P DDR4               |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | Z790    | MAG Z790 TOMAHAWK WIFI DDR4    |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | Z790    | MPG Z790 EDGE WIFI DDR4        |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | Z790    | PRO Z790-P WIFI DDR4           |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | Z790    | PRO Z790-P DDR4                |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | Z790    | PRO Z790-A WIFI DDR4           |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | Z690    | PRO Z690-A DDR4                |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | Z690    | PRO Z690-A WIFI DDR4           |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | Z690    | PRO Z690-P DDR4                |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | H670    | MAG H670 TOMAHAWK WIFI DDR4    |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | B660    | PRO B660M-P WIFI DDR4          |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B660    | MAG B660M MORTAR MAX WIFI DDR4 |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | B660    | PRO B660M-P DDR4               |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B660    | B660M BOMBER DDR4              |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | B660    | PRO B660-A DDR4                |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | B660    | PRO B660M-E DDR4               |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | B660    | PRO B660M-A WIFI DDR4          |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | B660    | PRO B660M-B DDR4               |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | H610    | PRO H610M-E DDR4               |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | H610    | PRO H610M-E DDR4               |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | H610    | H610M BOMBER DDR4              |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | H610    | PRO H610M-C EX                 |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | H610    | PRO H610M-B DDR4               |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | H610    | PRO H610M-G DDR4               |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | Z590    | MEG Z590 UNIFY-X               |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | Z590    | MEG Z590 UNIFY                 |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | Z590    | MPG Z590M GAMING EDGE WIFI     |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | Z590    | MPG Z590 GAMING PLUS           |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | Z590    | MPG Z590 GAMING EDGE WIFI      |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | Z590    | MPG Z590 GAMING CARBON WIFI    |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | Z590    | Z590-A PRO                     |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | Z590    | Z590 PRO WIFI                  |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | Z590    | MAG Z590 TOMAHAWK WIFI         |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | Z590    | MPG Z590 GAMING FORCE          |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | Z590    | MAG Z590 TORPEDO               |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | Z590    | MEG Z590 ACE                   |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B560    | MPG B560I GAMING EDGE WIFI     |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | B560    | MAG B560M BAZOOKA              |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | B560    | B560M PRO-VDH                  |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | B560    | MAG B560M MORTAR               |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B560    | B560M PRO-VDH WIFI             |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | B560    | MAG B560M MORTAR WIFI          |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B560    | B560M PRO WIFI                 |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | B560    | B560M PRO                      |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | B560    | B560M-A PRO                    |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | B560    | MAG B560 TOMAHAWK WIFI         |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | B560    | MAG B560 TORPEDO               |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | B560    | B560M PRO-E                    |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | H510    | H510M PRO                      |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | H510    | H510M-A PRO                    |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | H510    | H510I PRO WIFI                 |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | Z490    | MEG Z490 ACE                   |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | Z490    | Z490-A PRO                     |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | Z490    | MPG Z490 GAMING PLUS           |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | Z490    | MPG Z490 GAMING PLUS           |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | Z490    | MPG Z490 GAMING EDGE WIFI      |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | Z490    | MAG Z490 TOMAHAWK              |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | Z490    | MPG Z490M GAMING EDGE WIFI     |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | Z490    | MEG Z490 GODLIKE               |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | Z490    | MEG Z490I UNIFY                |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | Z490    | MEG Z490 UNIFY                 |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | Z490    | MPG Z490 GAMING CARBON WIFI    |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | B460    | MAG B460 TORPEDO               |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B460    | B460M PRO-VDH WIFI             |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B460    | MPG B460I GAMING EDGE WIFI     |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B460    | MAG B460M MORTAR WIFI          |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B460    | MAG B460M MORTAR               |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B460    | B460M-A PRO                    |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B460    | B460M PRO                      |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B460    | MAG B460 TOMAHAWK              |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B460    | MAG B460M BAZOOKA              |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | H410    | H410I PRO WIFI                 |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | H410    | H410M-A PRO                    |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | H410    | H410M PRO                      |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | X299    | Creator X299                   |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | X570    | MEG X570 UNIFY                 |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | X570    | MEG X570S UNIFY-X MAX          |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | X570    | MEG X570 GODLIKE               |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | X570    | MPG X570S CARBON MAX WIFI      |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | X570    | MPG X570S EDGE MAX WIFI        |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |

PATRIOT DDR4 COMPATIBILITY FOR MSI

**\*\*Please Use Ctrl+F For Your Compatibility Search**



| Brand | Chipset | Motherboard Model               | SL series    |              |              |               |              |              |              |              |              |               |              |              |
|-------|---------|---------------------------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|
|       |         |                                 | PSD432G3200K | PSD432G32002 | PSD416G3200K | PSD416G320081 | PSD416G32002 | PSD48G320081 | PSD432G2666K | PSD432G26662 | PSD416G2666K | PSD416G266681 | PSD416G26662 | PSD48G266681 |
| MSI   | X570    | MPG X570 GAMING PRO CARBON WIFI |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | X570    | MPG X570 GAMING EDGE WIFI       |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | X570    | MAG X570S TOMAHAWK MAX WIFI     |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | X570    | MAG X570S TORPEDO MAX           |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | X570    | MPG X570 GAMING PLUS            |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | X570    | PRESTIGE X570 CREATION          |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | X570    | X570-A PRO                      |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | X570    | MEG X570S ACE MAX               |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | X570    | MEG X570 ACE                    |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | X570    | MAG X570 TOMAHAWK WIFI          |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | B550    | MPG B550 GAMING CARBON WIFI     |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | B550    | B550M PRO                       |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B550    | B550M PRO-VDH WIFI              |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B550    | B550M PRO-VDH                   |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B550    | MPG B550I GAMING EDGE WIFI      |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | B550    | MAG B550M MORTAR WIFI           |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B550    | MAG B550 TORPEDO                |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B550    | MAG B550M MORTAR                |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B550    | MAG B550 TOMAHAWK               |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B550    | MPG B550I GAMING EDGE MAX WIFI  |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | B550    | B550-A PRO                      |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B550    | MPG B550 GAMING PLUS            |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B550    | MPG B550 GAMING EDGE WIFI       |              |              |              | ✓             |              | ✓            |              |              |              |               |              |              |
| MSI   | B550    | MEG B550 UNIFY-X                |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B550    | MEG B550 UNIFY                  |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B550    | MAG B550M BAZOOKA               |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | X470    | X470 GAMING PLUS MAX            |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B450    | B450 TOMAHAWK MAX               |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B450    | B450M PRO-VDH PLUS              |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B450    | B450M MORTAR MAX                |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B450    | B450M PRO-VDH MAX               |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B450    | B450M PRO-VDH V2                |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B450    | B450M PRO-M2 MAX                |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B450    | B450 TOMAHAWK                   |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B450    | B450 GAMING PRO CARBON MAX WIFI |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B450    | B450M BAZOOKA PLUS              |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B450    | B450M MORTAR TITANIUM           |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B450    | B450M MORTAR                    |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B450    | B450M BAZOOKA                   |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B450    | B450M BAZOOKA V2                |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | B450    | B450M-A PRO MAX                 |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | TRX40   | TRX40 PRO WIFI                  |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | TRX40   | Creator TRX40                   |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | A320    | A320M-A PRO MAX                 |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | A320    | A320M-A PRO                     |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | A320    | A320M PRO-VD/S V2               |              |              |              |               |              |              |              |              |              |               |              |              |
| MSI   | A320    | A320M PRO-M2                    |              |              |              |               |              |              |              |              |              |               |              |              |

\*AMD Platform have OC limitation, only for compatbility test

\* AM4 CPU in Ryzen 2000 series got 3200MHz max

\* AM4 CPU in Ryzen 3000 series got 3600-4000MHz max

\* AM4 CPU in Ryzen 5000 series got 3600-4400MHz max