



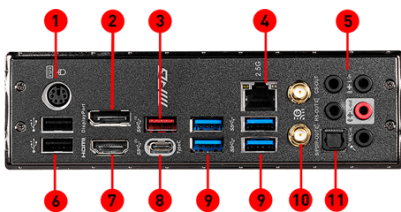
SPECIFICATIONS

| | |
|---------------------------|---|
| Model Name | MPG Z490 GAMING EDGE WIFI |
| CPU Support | Supports 10 th Gen Intel® Core™ and Pentium® Gold / Celeron® processors |
| CPU Socket | LGA 1200 |
| Chipset | Intel® Z490 Chipset |
| Graphics Interface | 2x PCI-E 3.0 x16 slots Support 2-Way AMD® CrossFire™ Technology |
| Display Interface | DisplayPort, HDMI™ - Requires Processor Graphics |
| Memory Support | 4 DIMMs, Dual Channel DDR4-4800(OC) |
| Expansion Slots | 2x PCIe 3.0 x1 slots |
| Storage | 2x M.2 slots, support Intel® Optane™ Technology 6x SATA 6Gb/s |
| USB ports | 1 x USB 3.2 Gen 2x2 20Gbps (Type-C) + 1 x USB 3.2 Gen 2 10Gbps (Type-A) + 7 x USB 3.2 Gen 1 5Gbps (6 Type-A + 1 Type-C) + 6 x USB 2.0 |
| LAN | Realtek® 8125B 2.5G LAN |
| WiFi / BT | Intel® Wi-Fi 6 AX201, Bluetooth 5.1 |
| Audio | 8-Channel(7.1) HD Audio with Audio Boost 4 |
| Form Factor | ATX |

FEATURES

- Aluminum Cover**
Fully aluminum IO cover provide the maximum surface of heat dissipation, ready for breaking the world record!
- WIFI 6**
The latest wireless solution supports MU-MIMO and BSS color technology, delivering speeds up to 2400Mbps.
- M.2 SHIELD FROZR**
Onboard M.2 thermal solution to keep M.2 SSDs safe while preventing throttling, making them run cooler & faster.
- Pre-installed I/O Shielding**
Better EMI protection and more convenience for installation
- EZ LED Control**
One button to control LED on/off easily
- Outstanding Cooling Solution**
Aluminum Cover design, VRM Heat-pipe, 7W/mK thermal pads, M.2 Shield Frozr and Aluminum Backplate ensure the extreme performance with low temp.
- Core Boost**
With premium layout and fully digital power design to support more cores and provide better performance.
- Outstanding Cooling Solution**
Aluminum Cover design, VRM Heat-pipe, 7W/mK thermal pads, M.2 Shield Frozr and MOSFET Baseplate to ensure the extreme performance with low temp.
- 2.5G LAN**
Onboard 2.5G LAN with LAN manager, delivering the best online gaming experience.
- Lightning USB 20G**
Built-in USB 3.2 Gen 2x2 port, offers 20Gbps transmission speed, 4X faster than USB 3.2 Gen 1.
- DDR4 Boost**
Advanced technology to deliver pure data signals for the best gaming performance and stability.

CONNECTIONS



- PS/2 Combo Port
- DisplayPort
- USB 3.2 Gen 2 10Gbps (Type-A)
- 2.5G LAN
- HD Audio Connectors
- USB 2.0
- HDMI™
- USB 3.2 Gen 2x2 20Gbps (Type-C)
- USB 3.2 Gen 1 5Gbps (Type A)
- Wi-Fi / Bluetooth
- Optical S/PDIF OUT