



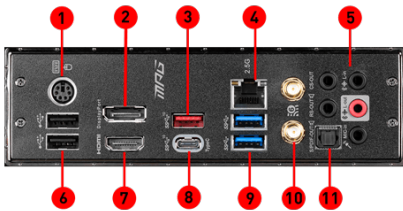
## SPECIFICATIONS

|                           |   |
|---------------------------|---|
| <b>Model Name</b>         | MPG Z490M GAMING EDGE WIFI  |
| <b>CPU Support</b>        | Supports 10 <sup>th</sup> Gen Intel® Core™ and Pentium® Gold / Celeron® processors                |
| <b>CPU Socket</b>         | LGA 1200  |
| <b>Chipset</b>            | Intel® Z490 Chipset   |
| <b>Graphics Interface</b> | 2x PCI-E 3.0 x16 slots<br>Support 2-Way NVIDIA® SLI™ / 2-Way AMD® CrossFire™ Technology           |
| <b>Display Interface</b>  | DisplayPort, HDMI™ - Requires Processor Graphics  |
| <b>Memory Support</b>     | 4 DIMMs, Dual Channel DDR4-4800(OC)   |
| <b>Expansion Slots</b>    | 2x PCIe 3.0 x1 slots  |
| <b>Storage</b>            | 2x M.2 slots, support Intel® Optane™ Technology<br>4x SATA 6Gb/s                                  |
| <b>USB ports</b>          | 3 x USB 3.2 Gen 2 10Gbps (2 Type-C + 1 Type-A) + 4 x USB 3.2 Gen 1 5Gbps (4 Type-A) + 6 x USB 2.0 |
| <b>LAN</b>                | Realtek® 8125B 2.5G LAN   |
| <b>WiFi / BT</b>          | Intel® Wi-Fi 6 AX201, Bluetooth 5.1   |
| <b>Audio</b>              | 8-Channel(7.1) HD Audio with Audio Boost 4  |
| <b>Form Factor</b>        | Micro-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.
- Mystic Light RGB LED**  
 Personalize your PC with 16.8 million colors / 29 effects, controlled in one click!
- 2.5G Network Solution**  
 Featuring premium 2.5G LAN to deliver better network experience.
- DDR4 Boost**  
 Advanced technology to deliver pure data signals for the best gaming performance and stability.

## CONNECTIONS



1. PS/2 Combo Port
2. DisplayPort
3. USB 3.2 Gen 2 10Gbps (Type-A)
4. 2.5G LAN
5. HD Audio Connectors
6. USB 2.0
7. HDMI™
8. USB 3.2 Gen 2 10Gbps (Type-C)
9. USB 3.2 Gen 1 5Gbps (Type-A)
10. Wi-Fi / Bluetooth
11. Optical S/PDIF OUT