



## SPECIFICATIONS

|                          |  |
|--------------------------|--|
| <b>Model Name</b>        | MPG Z490 TOMAHAWK  |
| <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</b>          | 2x PCI-E 3.0 x16 slots   |
| <b>Interface</b>         | Support 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>6x SATA 6Gb/s   |
| <b>USB ports</b>         | 1x USB 3.2 Gen 2x2 20Gbps port (Type C) + 1 x USB 3.2 Gen 2 10Gbps port (1 Type-A) + 7 x USB 3.2 Gen 1 5Gbps ports (6 Type-A + 1 Type-C) + 6 x USB 2.0 ports |
| <b>LAN</b>               | Realtek® 8125B 2.5G LAN<br>Intel® I219V Gigabit LAN  |
| <b>Audio</b>             | 8-Channel(7.1) HD Audio with Audio Boost   |

## FEATURES



### Core Boost

With premium layout and fully digital power design to support more cores and provide better performance.



### 2.5G LAN

Onboard 2.5G LAN with LAN manager, delivering the best online gaming experience.



### Twin Turbo M.2

With 2 x M.2 slots. Running at PCI-E Gen4 x4 maximizes performance for NVMe based SSDs.



### M.2 SHIELD FROZR

Onboard M.2 thermal solution to keep M.2 SSDs safe while preventing throttling, making them run cooler & faster.



### Core Boost

With premium layout and optimized power design to support more cores and provide better performance.



### DDR4 Boost

Advanced technology to deliver pure data signals for the best gaming performance and stability.



### Lightning USB 20G

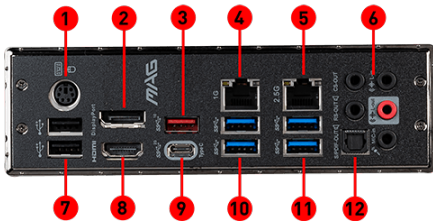
Built-in USB 3.2 Gen 2x2 port, offers 20Gbps transmission speed, 4X faster than USB 3.2 Gen 1.



### Mystic Light

Personalize your PC with 16.8 million colors / 31 effects, controlled in one click!

## CONNECTIONS



1. PS/2 Combo Port
2. DisplayPort
3. USB 3.2 Gen 2 10Gbps (Type-A)
4. 1G LAN Port
5. 2.5G LAN LAN
6. HD Audio Connectors
7. USB 2.0 Ports
8. HDMI™ Port
9. USB 3.2 Gen 2x2 20Gbps (Type-C)
10. USB 3.2 Gen 1 5Gbps (Type-A)
11. USB 3.2 Gen 1 5Gbps (Type-A)
12. Optical S/PDIF OUT