



## 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 Interface</b>	2x PCI-E 3.0 x16 slots 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 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 Intel® I219V Gigabit LAN
<b>Audio</b>	8-Channel(7.1) HD Audio with Audio Boost

## FEATURES



### 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.



### Mystic Light

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



### 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.



### Core Boost

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



### Lightning USB 20G

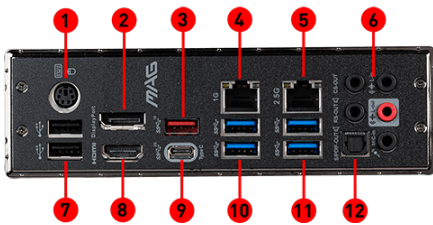
Built-in USB 3.2 Gen 2x2 port, offers 20Gbps transmission speed, 4X faster than USB 3.2 Gen 1.



### DDR4 Boost

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

## CONNECTIONS



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