



SPECIFICATIONS

Model Name	MPG Z490 TOMAHAWK
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	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
LAN	Realtek® 8125B 2.5G LAN Intel® I219V Gigabit LAN
Audio	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

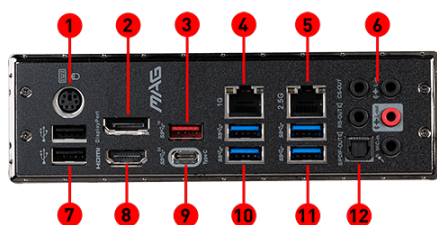
Built-in USB 3.2 Gen 2x2 port, offers 20Gbps transmission speed, 4X faster than USB 3.2 Gen 1.



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