MSI®

MAG Z490 TOMAHAWK
READY TO DOMINATE THE GAME

SPECIFICATION

DDR4 Memory	4800(OC)/4400(OC)/ 4300(OC)/ 4266(OC)/ 4200(OC)/ 4133(OC)/ 4000(OC)/ 3866(OC)/ 3733(OC)/ 3600(OC)/ 3466(OC)/ 3400(OC)/ 3333(OC)/ 3300(OC)/ 3200(OC)/ 3000(OC) / 2933/ 2666/ 2400/ 2133 MHz
CPU (Max Support)	i9
M.2 port	2
Chipset	Intel® Z490 Chipset
USB 3.1 ports(Front)	
Memory Channel	Dual
USB 3.2 ports (Front)	1(Gen 1, Type C), 2(Gen 1, Type A)
DIMM Slots	4
USB 3.2 ports (Rear)	1(Gen 2x2, Type C), 1(Gen 2, Type A), 4(Gen 1, Type A)
Max Memory (GB)	128
PCI-Ex16	2
USB 3.1 ports (Rear)	
PCI-E Gen	Gen3
PCI-Ex1	3
SATAIII	6
USB 2.0 ports (Front)	4
RAID	0/1/5/10
LAN	1x Realtek® RTL8125B 2.5G LAN + 1x Intel I219V 1G LAN
TPM	1
USB 2.0 ports (Rear)	2
Audio ports (Rear)	REALTEK/ALC1200-VD1
Display Port	1
HDMI	1
DirectX	12
Form Factor	ATX
CrossFire	Y
Operating System	Support for Windows® 10 64-bit

FEATURE

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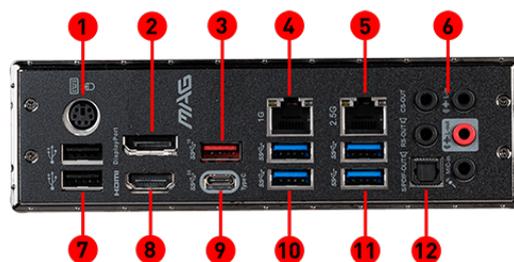
Lightning USB 20G
Built-in USB 3.2 Gen 2x2 port, offers the 20Gbps transmission speed, 4X faster than USB 3.2 Gen 1.

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

CONNECTIONS

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

TRUE GAMING