



FEATURES



Extended Heatsink Design

MSI extended PWM heatsink and enhanced circuit design ensures even high-end processors to run in full speed.



Mystic Light

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



2.5G LAN

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



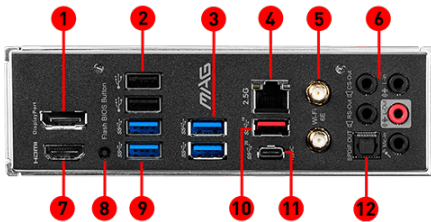
Wi-Fi 6E

The latest wireless solution supports 6GHz spectrum, MU-MIMO and BSS color technology, delivering speeds up to 2400Mbps.

SPECIFICATIONS

Model Name	MPG Z590 TOMAHAWK WIFI
CPU Support	Supports 10 th Gen Intel® Core™ Processors, 11th Gen Intel® Core™ Processors, Pentium® Gold and Celeron® Processors
CPU Socket	LGA 1200
Chipset	Intel® Z590 Chipset
Graphics Interface	1x PCIe 4.0 x16 slot, 1x PCIe 3.0 x16 slot Support 2-way AMD® CrossFire™ Technology
Display Interface	Support 4K@60Hz as specified in HDMI™ 2.0b, DisplayPort 1.4 - Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR4-5333 (OC)
Expansion Slots	2x PCIe 3.0 x1 slots
Storage	1x M.2 Gen4 x4 64Gb/s slot, 2x M.2 Gen3 x4 32Gb/s slots, Support Intel® Optane™ Technology, 6x SATA 6Gb/s ports
USB ports	1x USB 3.2 Gen 2x2 20Gbps (Type-C), 2x USB 3.2 Gen 2 10Gbps (Type-A + Type-C), 6x USB 3.2 Gen 1 5Gbps (Type-A), 6x USB 2.0
LAN	Intel® I225-V 2.5G LAN
WiFi / BT	Intel® Wi-Fi 6E AX210, Bluetooth 5.2
Audio	8-Channel (7.1) HD Audio with Audio Boost 5

CONNECTIONS



- | | |
|-----------------------------------|---------------------------------|
| 1. DisplayPort | 2. USB 2.0 |
| 3. USB 3.2 Gen 1 5Gbps Type-A | 4. 2.5G LAN Port |
| 5. Wi-Fi / Bluetooth Antenna | 6. HD Audio Connectors |
| 7. HDMI™ | 8. Flash BIOS Button |
| 9. USB 3.2 Gen 1 5Gbps Type-A | 10. USB 3.2 Gen 2 10Gbps Type-A |
| 11. USB 3.2 Gen 2x2 20Gbps Type-C | 12. Optical S/PDIF OUT |