













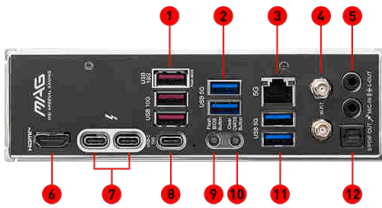
## SPECIFICATIONS

<b>Model Name</b>	MAG Z890 TOMAHAWK WIFI
<b>CPU Support</b>	Supports Intel® Core™ Ultra Processors (Series 2)
<b>CPU Socket</b>	LGA 1851
<b>Chipset</b>	Intel® Z890 Chipset
<b>Expansion Slots</b>	1x PCIe 5.0 x16 slot, 2x PCIe 4.0 x16 slots
<b>Display Interface</b>	2x Thunderbolt™ 4 (Type-C), Support 8K@60Hz as specified in HDMI™ 2.1 FRL - Requires Processor Graphics
<b>Memory Support</b>	4 DIMMs, Dual Channel DDR5
<b>Storage</b>	1x M.2 Gen5 x4 128Gbps slot, 3x M.2 Gen4 x4 64Gbps slots, 4x SATA 6Gbps ports
<b>Thunderbolt™ 4</b>	2 x USB Type-C up to 40Gbps, Charging support up to 5V/3A, 15W
<b>USB ports</b>	1x USB 20Gbps (1 Type-C) 4x USB 10Gbps (3 Type-A + 1 Type-C) 6x USB 5Gbps (6 Type-A) 4x USB 2.0
<b>LAN</b>	Intel® Killer™ E5000B 5G LAN
<b>Wireless / Bluetooth</b>	Intel® Killer™ Wi-Fi 7 BE1750x, Bluetooth 5.4
<b>Audio</b>	8-Channel (7.1) HD Audio with Audio Boost 4

## FEATURES

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**Thunderbolt™ port**  
 Thunderbolt™ 4 brings Thunderbolt to USB-C at true 40 Gb/s speeds, 8K display support, Daisy-Chain, Multi-Port Accessory Architecture and USB 4.0 compliant.
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**EZ PCIe Release**  
 A simple press of a button to effortlessly lock or unlock the PCIe slot, simplifying the installation and removal of the graphics card.
- 
**EZ M.2 Shield Frozr II**  
 The new tool-less design makes installing or removing your M.2 SSD and Shield Frozr much easier
- 
**Extended Heatsink Design**  
 MSI extended PWM heatsink and enhanced circuit design ensures even high-end processors to run in full speed.
- 
**Lightning Gen 5**  
 The latest PCIe 5.0 solution with up to 128GB/s bandwidth for maximum transfer speed.
- 
**Quadruple M.2 Connectors**  
 Onboard quadruple M.2 connectors for the maximum storage performance.
- 
**Wi-Fi 7**  
 The latest wireless solution with a new 320MHz channel, achieving a maximum transmission speed of 5.8Gbps, which is 2.4 times faster than Wi-Fi 6/6E.
- 
**5G Network Solution**  
 Featuring premium 5G LAN to deliver better network experience.
- 
**Latest DDR5 Memory**  
 A huge step of DDR performance enhancement with the latest DDR5 memory and MSI Memory Boost technology.
- 
**Audio Boost 4**  
 Isolated audio with a high quality audio processor for the most immersive gaming experience.

## CONNECTIONS



1. USB 10Gbps (Type-A)
2. USB 5Gbps (Type-A)
3. 5G LAN
4. Wi-Fi / Bluetooth
5. Audio Connectors
6. HDMI™
7. Thunderbolt™ 4 40Gbps (Type-C)
8. USB 10Gbps (Type-C)
9. Flash BIOS Button
10. Clear CMOS Button
11. USB 5Gbps (Type-A)
12. S/PDIF-OUT