MOTHERBOARDS

MAG Z890 TOMAHAWK WIFI II

STABLE FOUNDATION, DURABLY BUILT



SPECIFICATIONS

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

FEATURES

Thunderbolt™ 4 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.

Lightning Gen 5

The latest PCIe 5.0 solution with up to 128GB/s bandwidth for maximum transfer speed.

Quadruple M.2 Connectors

Onboard 4x M.2 connectors with one Lightning Gen 5 solution for the maximum storage performance.

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.

Latest DDR5 Memory

A huge step of DDR performance enhancement with the latest DDR5 memory and MSI Memory Boost technology.

5G Network Solution

Featuring premium 5G LAN to deliver better network experience.

Wi-Fi 7

The latest wireless solution with a new 160MHz channel, achieving a maximum transmission speed of 2.9Gbps.

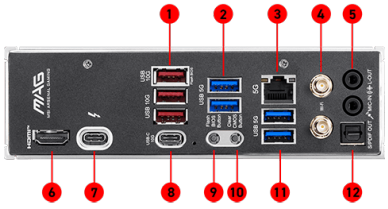
Core Boost

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

Audio Boost 4

Isolated audio with a high quality audio processor for the most immersive audio 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

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