MOTHERBOARDS

MAG B850 TOMAHAWK MAX WIFI II

STABLE FOUNDATION, DURABLY BUILT

FEATURES

64MB BIOS

A larger BIOS ROM capacity allows the motherboard to support next-level CPU upgrades with better compatibility.

OC Engine

With the clock generator, the OC Engine technology releases the maximum power of CPU.

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

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 two Lightning Gen 5 solution for the maximum storage performance.

Extended Heatsink Design

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

5G Network Solution

Featuring premium 5G LAN to deliver better network experience.

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.

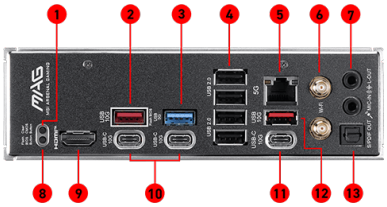
Audio Boost 5

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

SPECIFICATIONS

Model Name	MAG B850 TOMAHAWK MAX WIFI II
CPU Support	Supports AMD Ryzen™ 9000 / 8000 / 7000 Series Desktop Processors
Chipset Socket	AMD Socket AM5
Chipset	AMD B850 Chipset
Expansion slot	1x PCIe 5.0 x16 slot, 1x PCIe 4.0 x4 slot, 1x PCIe 3.0 x1 slot
Display Interface	Support 8K@60Hz as specified in HDMI™ 2.1 FRL – Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR5-8200+ MT/s (OC)
Storage	2x M.2 Gen5 x4 128Gbps slots 1x M.2 Gen4 x4 64Gbps slot 1x M.2 Gen4 x2 32Gbps slot 4x SATA 6Gbps ports
USB Ports	1x USB 20Gbps (1 Type-C) 5x USB 10Gbps (2 Type-A + 3 Type-C) 5x USB 5Gbps (5 Type-A) 8x USB 2.0
LAN	Realtek® 5G LAN
Wireless / BT	Wi-Fi 7 Solution, Bluetooth 5.4
Audio	8-Channel (7.1) HD Audio with Audio Boost 5

CONNECTIONS



1. Clear CMOS Button
2. USB 10Gbps (Type-A)
3. USB 5Gbps (Type-A)
4. USB 2.0
5. 5G LAN
6. Wi-Fi / Bluetooth
7. Audio Connectors
8. Flash BIOS Button
9. HDMI™
10. USB 10Gbps (Type-C)
11. USB 10Gbps (Type-C)
12. USB 10Gbps (Type-A)
13. Optical S/PDIF-OUT

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