



## SPECIFICATIONS

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

## FEATURES



### 5G Network Solution

Featuring premium 5G LAN to deliver better network experience.



### 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.



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### Wi-Fi 7

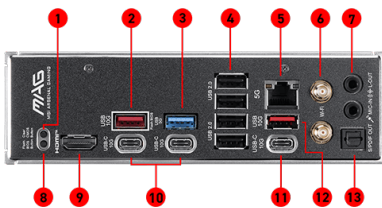
The latest wireless solution with a new 320MHz channel, achieving a maximum transmission speed of 5.8Gbps, which is 2.4 times faster than Wi-Fi 6/6E.



### Audio Boost 5

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

## 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