



## SPECIFICATIONS

<b>Model Name</b>	MAG X870E TOMAHAWK MAX WIFI
<b>CPU Support</b>	Supports AMD Ryzen™ 9000 / 8000 / 7000 Series Desktop Processors
<b>CPU Socket</b>	AMD Socket AM5
<b>Chipset</b>	AMD X870E 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 DDR5-8400+ MT/s (OC)
<b>Storage</b>	2 x M.2 Gen5 x4 128Gbps slots 2 x M.2 Gen4 x4 64Gbps slots 4 x SATA 6Gbps ports
<b>USB ports</b>	2 x USB 40Gbps (2 Type-C) 1 x USB 20Gbps (1 Type-C) 3 x USB 10Gbps (2 Type-A + 1 Type-C) 7 x USB 5Gbps (7 Type-A) 8 x USB 2.0
<b>LAN</b>	Realtek® 5G LAN
<b>Wireless / Bluetooth</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.



### 5G Network Solution

Featuring premium 5G LAN to deliver better network experience.



### Wi-Fi 7

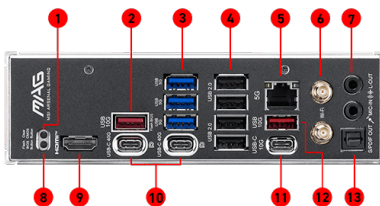
The latest wireless solution with a new 320MHz channel, achieving a maximum transmission speed of 5.8Gbps, which is 2.4 times faster than Wi-Fi 6/6E.



### Audio Boost 5

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

## 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 40Gbps (Type-C)
11. USB 10Gbps (Type-C)
12. USB 10Gbps (Type-A)
13. Optical S/PDIF-OUT