



## SPECIFICATIONS

<b>Model Name</b>	MAG X870E TOMAHAWK MAX WIFI PZ
<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, 2x USB4 ports support USB Type-C display outputs - Requires Processor Graphics
<b>Memory Support</b>	4 DIMMs, Dual Channel DDR5-8400+ MT/s (OC)
<b>Storage</b>	2x M.2 Gen5 x4 128Gbps slots 2x M.2 Gen4 x4 64Gbps slots 4x SATA 6Gbps ports
<b>USB ports</b>	2x USB 40Gbps (2 Type-C) 1x USB 20Gbps (1 Type-C) 3x USB 10Gbps (2 Type-A + 1 Type-C) 7x USB 5Gbps (7 Type-A) 8x 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



### Back-Connect Design

Move the connectors to the back to provide a cleaner and neater front view and significantly reduces the difficulty of cable management.



### 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.



### Lightning USB 40G

Featuring a built-in USB 4 port, it offers a lightning-fast 40Gbps transmission speed.



### 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



### Quadruple M.2 Connectors

Onboard quadruple M.2 connectors for the maximum storage performance.



### Lightning Gen 5

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



### 5G Network Solution

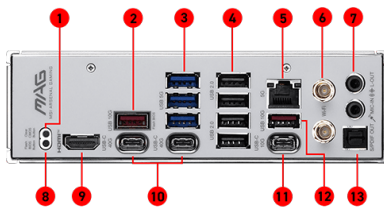
Featuring premium 5G LAN to deliver better network experience.



### 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/E.

## 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  |                         |