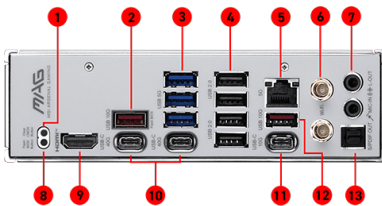




## SPECIFICATIONS

|                             |                                                                                                                                      |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <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>Graphics Interface</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<br>2x M.2 Gen4 x4 64Gbps slots<br>4x SATA 6Gbps ports                                                   |
| <b>USB ports</b>            | 2x USB 40Gbps (2 Type-C)<br>1x USB 20Gbps (1 Type-C)<br>3x USB 10Gbps (2 Type-A + 1 Type-C)<br>7x USB 5Gbps (7 Type-A)<br>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                                                                                          |

## 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

## 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 6/6E.