













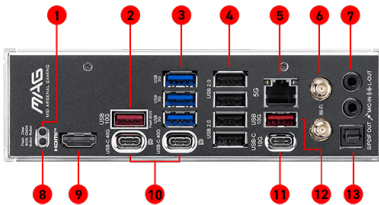
SPECIFICATIONS

| | |
|-----------------------------|---|
| Model Name | MAG X870E TOMAHAWK MAX WIFI |
| CPU Support | Supports AMD Ryzen™ 9000 / 8000 / 7000 Series Desktop Processors |
| CPU Socket | AMD Socket AM5 |
| Chipset | AMD X870E 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 DDR5-8400+ MT/s (OC) |
| Storage | 2 x M.2 Gen5 x4 128Gbps slots 2 x M.2 Gen4 x4 64Gbps slots 4 x SATA 6Gbps ports |
| USB ports | 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 |
| LAN | Realtek® 5G LAN |
| Wireless / Bluetooth | Wi-Fi 7 Solution, Bluetooth 5.4 |
| Audio | 8-Channel (7.1) HD Audio with Audio Boost 5 |

FEATURES

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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 | |