



FEATURES



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

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 |

CONNECTIONS

