



SPECIFICATIONS

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|-----------------------------|---|
| Model Name | MAG X670E TOMAHAWK WIFI |
| CPU Support | Supports AMD Ryzen™ 8000 / 7000 Series Desktop Processors |
| CPU Socket | AMD Socket AM5 |
| Chipset | AMD X670 Chipset |
| Graphics Interface | 1x PCIe 5.0 x16 slot, 2x PCIe 4.0 x16 slots, 1x PCIe 3.0 x1 slot |
| Display Interface | Support 4K@120Hz as specified in HDMI™ 2.1 FRL, Display Port 1.4, 1x Type-C Display Port - Requires Processor Graphics |
| Memory Support | 4 DIMMs, Dual Channel DDR5-7800+MHz (OC) |
| Storage | 1x M.2 Gen5 x4 128Gbps slot 3x M.2 Gen4 x4 64Gbps slots 4x SATA 6Gb/s ports |
| USB ports | 1x USB 3.2 Gen 2x2 20Gbps (1 Type-C) 4x USB 3.2 Gen 2 10Gbps (2 Type-C + 2 Type-A) 8x USB 3.2 Gen 1 5Gbps (8 Type-A) 4x USB 2.0 (Type-A) |
| LAN | Realtek® RTL8125BG 2.5Gbps LAN |
| Wireless / Bluetooth | AMD Wi-Fi 6E, Bluetooth 5.3 |
| Audio | 8-Channel (7.1) HD Audio with Audio Boost |

FEATURES



Extended Heatsink Design

MSI extended PWM heatsink and enhanced circuit design ensures even high-end processors to run in full speed.



Latest DDR5 Memory

A huge step of DDR performance enhancement with the latest DDR5 memory and MSI Memory Boost technology.



Lightning Gen 5

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



M.2 Shield FROZR

Strengthened built-in M.2 thermal solution. Keeps M.2 SSDs safe while preventing throttling, making them run faster.



Lightning USB 20G

Built-in USB 3.2 Gen 2x2 port, offers 20Gbps transmission speed, 4X faster than USB 3.2 Gen 1.



Core Boost

With premium layout and fully digital power design to support more cores and provide better performance.



Memory Boost

Advanced technology to deliver pure data signals for the best performance, stability and compatibility.



Audio Boost

Reward your ears with studio grade sound quality for the most immersive audio experience.



Wi-Fi 6E

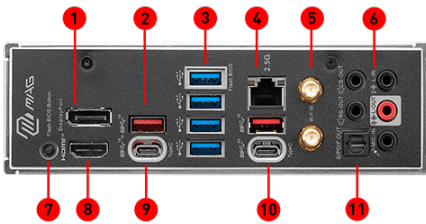
The latest wireless solution supports 6GHz spectrum, MU-MIMO and BSS color technology, delivering speeds up to 2400Mbps.



2.5G Network Solution

Featuring premium 2.5G LAN to deliver better network experience.

CONNECTIONS



1. Display Port
2. USB 3.2 Gen 2 10Gbps (Type-A)
3. USB 3.2 Gen 2 5Gbps (Type-A)
4. 2.5G LAN
5. Wi-Fi / Bluetooth
6. HD Audio Connectors
7. Flash BIOS Button
8. HDMI™
9. USB 3.2 Gen 2 10Gbps (Type-C)
10. USB 3.2 Gen 2 20Gbps (Type-C)
11. Optical S/PDIF-Out