



## SPECIFICATIONS

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



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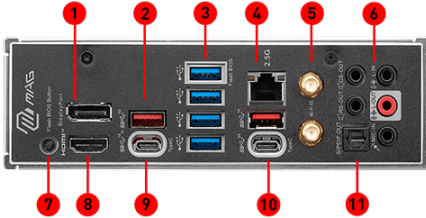
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## CONNECTIONS



- |                                  |                                   |
|----------------------------------|-----------------------------------|
| 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           |                                   |