



## SPECIFICATIONS

<b>Model Name</b>	MAG H670 TOMAHAWK WIFI DDR4
<b>CPU Support</b>	Supports 12 <sup>th</sup> Gen Intel® Core™ Processors, Pentium® Gold and Celeron® Processors
<b>CPU Socket</b>	LGA 1700
<b>Chipset</b>	Intel® H670 Chipset
<b>Graphics Interface</b>	1x PCIe 5.0 x16 slot, 1x PCIe 3.0 x16 slot Supports AMD CrossFire™ Technology
<b>Display Interface</b>	Support 4K@60Hz as specified in HDMI™ 2.1, DisplayPort 1.4 - Requires Processor Graphics
<b>Memory Support</b>	4 DIMMs, Dual Channel DDR4-4800+ (OC)
<b>Expansion Slots</b>	1x PCIe 3.0 x16 slot, 1x PCIe 3.0 x1 slot
<b>Storage</b>	3x M.2 Gen4 x4 64Gbps slots, Support Intel® Optane™ Technology, 6x SATA 6Gbps ports
<b>USB ports</b>	1x USB 3.2 Gen 2x2 20Gbps (Type-C), 2x USB 3.2 Gen 2 10Gbps (1 Type-A + 1 Type-C), 4x USB 3.2 Gen 1 5Gbps (Type-A), 10x USB 2.0
<b>LAN</b>	1x Intel® I225-V 2.5Gbps LAN
<b>Audio</b>	8-Channel (7.1) HD Audio

## FEATURES



### Optimum Thermal Solution

Wavy Fin Design, Direct Touch Cross Heat-pipe, MOSFET Baseplate, double-sided M.2 Shield Frozr, and Frozr AI software ensure the extreme performance with low temp.



### Triple M.2 with M.2 Shield Frozr

3 x M.2 slots with onboard M.2 thermal solution to keep M.2 SSDs safe, making them run cooler & faster.



### Lightning Gen 5

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



### Extended Heatsink Design

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



### 2.5G Network Solution

Featuring premium 2.5G LAN to deliver better network experience.



### WiFi 6

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



### Lightning USB 20G

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



### 2oz Thickened Copper PCB

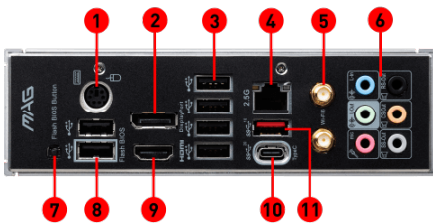
An enhanced PCB design improves heat dissipation and performance reliability.



### Frozr AI Cooling

Detect CPU & GPU temperatures and automatically adjust system fan duty to a proper value.

## CONNECTIONS



1. Keyboard / Mouse
2. DisplayPort 1.4
3. USB 2.0
4. 2.5G LAN Port
5. Wi-Fi / Bluetooth
6. Audio Connectors
7. Flash BIOS Bottom
8. USB 2.0
9. HDMI™ 2.1 Port
10. USB 3.2 Gen 2x2 20Gbps Type-C
11. USB 3.2 Gen 2 10Gbps Type-A