



SPECIFICATIONS

Model Name	MAG B860 TOMAHAWK WIFI
CPU Support	Supports Intel® Core™ Ultra Processors (Series 2)
CPU Socket	LGA 1851
Chipset	Intel® B860 Chipset
Expansion Slots	1x PCIe 5.0 x16 slot, 2x PCIe 4.0 x16 slots
Display Interface	1x Thunderbolt™ 4 (Type-C), 1 x HDMI™ 2.1 FRL, 1 x DisplayPort 1.4 HBR2 - Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR5 - 9200+ MT/s (OC)
Storage	1x M.2 Gen5 x4 128Gbps slot 2x M.2 Gen4 x4 64Gbps slots 4x SATA 6Gbps ports
USB ports	1 x USB Type-C up to 40Gbps, Charging support up to 5V/3A, 15W 6 x USB 10Gbps (4 Type-A + 2 Type-C) 2 x USB 5Gbps (2 Type-A) 8x USB 2.0
LAN	Intel® Killer™ E5000B 5G LAN
Wireless / Bluetooth	Intel® Killer™ Wi-Fi 7 BE1750x, Bluetooth 5.4
Audio	8-Channel (7.1) HD Audio with Audio Boost

FEATURES



Thunderbolt™ 4 port

Thunderbolt™ 4 brings Thunderbolt to USB-C at true 40 Gb/s speeds, 8K display support, Daisy-Chain, Multi-Port Accessory Architecture and USB 4.0 compliant.



5G Network Solution

Featuring premium 5G LAN to deliver better network experience.



Wi-Fi 7

The latest wireless solution with a new 160MHz channel, achieving a maximum transmission speed of 2.9Gbps, which is 2.4 times faster than Wi-Fi 6/6E.



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.



Extended Heatsink Design

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



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.



Triple M.2 Connectors

Onboard 3x M.2 connectors with one PCIe 5.0 solution, strengthened by M.2 Shield Frozr.



Triple M.2 Connectors

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Latest DDR5 Memory

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



Wi-Fi 7

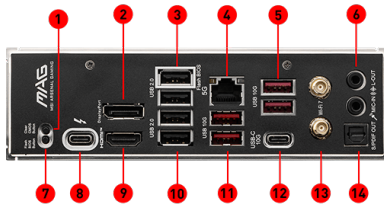
The latest wireless solution with a new 320MHz channel, achieving a maximum transmission speed of 5.8Gbps, which is 2.4 times faster than Wi-Fi 6/6E.



Audio Boost

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

CONNECTIONS



- | | |
|------------------------------|----------------------------------|
| 1. Clear CMOS Button | 2. Display Port |
| 3. USB 2.0 (Flash BIOS Port) | 4. 5G LAN |
| 5. USB 10Gbps (Type-A) | 6. Audio Connectors |
| 7. Flash BIOS Button | 8. Thunderbolt 4 40Gbps (Type-C) |
| 9. HDMI™ | 10. USB 2.0 |
| 11. USB 10Gbps (Type-A) | 12. USB 10Gbps (Type-C) |
| 13. Wi-Fi / Bluetooth | 14. S/PDIF-OUT |