



SPECIFICATIONS

Model Name	MAG B840 GAMING EVO WIFI6E
CPU Support	Supports AMD Ryzen™ 9000 / 8000 / 7000 Series Desktop Processors
Chipset Socket	AMD Socket AM5
Chipset	AMD B840 Chipset
Expansion slot	1x PCIe 4.0 x16 slot, 1x PCIe 3.0 x4 slot
Display Interface	Support 4K@60Hz as specified in HDMI™ 2.1 TMDS - Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR5 - 8000+ MT/s (OC)
Storage	2x M.2 Gen4 x4 64Gbps slots 1x M.2 Gen3 x4 32Gbps slot 4x SATA 6Gbps ports
USB Ports	2x USB 10Gbps (1 Type-A + 1 Type-C) 5x USB 5Gbps (4 Type-A + 1 Type-C) 8x USB 2.0
LAN	Realtek® 2.5G LAN
Wireless / BT	Wi-Fi 6E Solution, Bluetooth 5.3
Audio	8-Channel (7.1) HD Audio with Audio Boost

FEATURES



EZ PCIe Clip II

Allows for easy removal of the graphics card by pressing the tail-like lock with one finger, even in the cramped case spaces.



M.2 Shield Frozr

Built-in M.2 thermal solution keeps M.2 SSDs safe, prevents throttling and maintains the performance.



Lightning Gen4 Solution

The latest Gen4 PCI-E and M.2 solution with up to 64GB/s bandwidth for maximum transfer speed.



Triple M.2 Connectors

Onboard 3x M.2 connectors with dual PCIe 4.0 solution, strengthened by M.2 Shield Frozr.



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.



2.5G LAN

Onboard 2.5G LAN with AI LAN Manager, ensuring a smooth and optimized online experience.



Wi-Fi 6E

Supports 6GHz spectrum, MU-MIMO and BSS color technology, delivering speeds up to 2400Mbps.



Core Boost

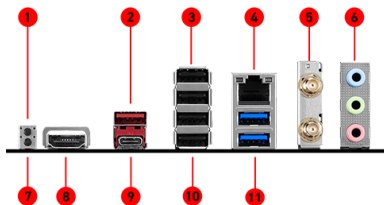
With premium layout and fully digital power design to support more cores and provide better performance.



Audio Boost

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

CONNECTIONS



- | | |
|------------------------|------------------------|
| 1. Clear CMOS Button | 2. USB 10Gbps (Type-A) |
| 3. USB 2.0 | 4. 2.5G LAN |
| 5. USB 2.0 | 6. Audio Connectors |
| 5. Wi-Fi / Bluetooth | 8. HDMI™ |
| 7. Flash BIOS Button | 10. USB 2.0 |
| 9. USB 10Gbps (Type-C) | |
| 11. USB 5Gbps (Type-A) | |