



SPECIFICATIONS

Model Name	MAG B850M MORTAR WIFI
CPU Support	Supports AMD Ryzen™ 9000 / 8000 / 7000 Series Desktop Processors
Chipset Socket	AMD Socket AM5
Chipset	AMD B850 Chipset
Expansion Slots	1x PCIe 5.0 x16 slot, 1x PCIe 4.0 x4 slot
Display Interface	Support 8K@60Hz as specified in HDMI™ 2.1 FRL – Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR5
Storage	2x M.2 Gen5 x4 128Gbps slots 1x M.2 Gen4 x2 32Gbps slot 4x SATA 6Gbps ports
USB ports	1x USB 20Gbps (1 Type-C) 5x USB 10Gbps (2 Type-C + 3 Type-A) 6x USB 5Gbps (6 Type-A) 4x USB 2.0
LAN	Realtek® 5G LAN
Wireless / Bluetooth	Wi-Fi 7 Solution, Bluetooth 5.4
Audio	8-Channel (7.1) HD Audio with Audio Boost 5

FEATURES



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.



EZ M.2 Shield Frozr II

Le nouveau design sans outils rend l'installation et la désinstallation du SSD M.2 plus rapide et facile.



Lightning Gen 5

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



Triple M.2 Connectors

Triple M.2 Connectors – Onboard 3x M.2 connectors with two PCIe 5.0 solution, strengthened by M.2 Shield Frozr.



Dissipateur plus large

Dissipateur aux dimensions plus larges et nouveau circuit imprimé pour garantir au processeur de toujours tourner à plein régime.



Latest DDR5 Memory

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



Norme 5G LAN

La norme 5G LAN vous permet de profiter d'une connexion réseau améliorée.



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.



Core Boost

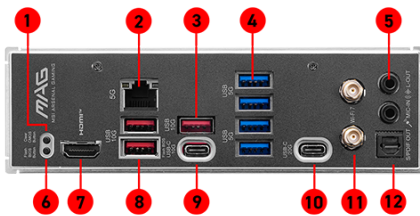
Circuit repensé et alimentation numérique pour supporter plus de cœurs et assurer de meilleures performances.



Audio Boost 5

Circuit audio isolé avec processeur audio de haute qualité pour une expérience gaming plus immersive.

CONNECTIONS



- | | |
|------------------------|-------------------------|
| 1. Clear CMOS Button | 2. 5G LAN |
| 3. USB 10Gbps (Type-A) | 4. USB 5Gbps (Type-A) |
| 5. Audio Connectors | 6. Flash BIOS Button |
| 7. HDMI™ | 8. USB 10Gbps (Type-A) |
| 9. USB 10Gbps (Type-C) | 10. USB 20Gbps (Type-C) |
| 11. Wi-Fi / Bluetooth | 12. Optical S/PDIF OUT |