



SPECIFICATIONS

Model Name	MAG B850M MORTAR
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
Audio	8-Channel (7.1) HD Audio with Audio Boost 5

FEATURES

- 5G Network Solution**
Featuring premium 5G LAN to deliver better network experience.
- 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**
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**
Triple M.2 Connectors - Onboard 3x M.2 connectors with two PCIe 5.0 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.
- Pre-installed I/O Shielding**
Better EMI protection and more convenience for installation
- Latest DDR5 Memory**
A huge step of DDR performance enhancement with the latest DDR5 memory and MSI Memory Boost technology.
- 5G Network Solution**
Featuring premium 5G LAN to deliver better network experience.
- Core Boost**
With premium layout and fully digital power design to support more cores and provide better performance.
- Audio Boost 5**
Isolated audio with a high quality audio processor for the most immersive gaming experience

CONNECTIONS

- Clear CMOS Button
- 5G LAN
- USB 10Gbps (Type-A)
- USB 5Gbps (Type-A)
- Audio Connectors
- Flash BIOS Button
- HDMI™
- USB 10Gbps (Type-A)
- USB 10Gbps (Type-C)
- USB 20Gbps (Type-C)
- Optical S/PDIF OUT