



## SPECIFICATIONS

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



### 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 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.



### 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.



### 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

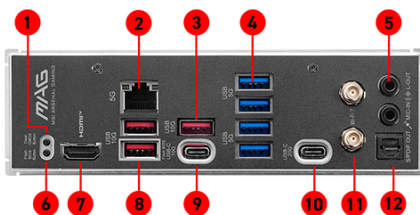
With premium layout and fully digital power design to support more cores and provide better performance.



### Audio Boost 5

Isolated audio with a high quality audio processor for the most immersive gaming experience

## CONNECTIONS



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