



## SPECIFICATIONS

<b>Model Name</b>	MAG B650M MORTAR
<b>CPU Support</b>	Supports AMD Ryzen™ 8000 / 7000 Series Desktop Processors
<b>CPU Socket</b>	Socket AM5
<b>Chipset</b>	AMD B650 Chipset
<b>Graphics Interface</b>	2x PCIe 4.0 x16 slots, 1x PCIe 3.0 x1 slot
<b>Display Interface</b>	Support 4K@60Hz as specified in HDMI™ 2.1, DisplayPort 1.4 - Requires Processor Graphics
<b>Memory Support</b>	4 DIMMs, Dual Channel DDR5-7600+ MHz (OC)
<b>Storage</b>	2x M.2 Gen4 x4 64Gbps slots 6x SATA 6Gbps ports
<b>USB ports</b>	1x USB 3.2 Gen 2x2 20Gbps (Type-C), 4x USB 3.2 Gen 2 10Gbps (3 Type-A + 1 Type-C), 6x USB 3.2 Gen 1 5Gbps (6 Type-A), 4x USB 2.0
<b>LAN</b>	1x Realtek® RTL8125BG 2.5Gbps LAN
<b>Audio</b>	8-Channel (7.1) HD Audio with Audio Boost 5

## FEATURES



### 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.



### Lightning Gen4 Solution

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



### M.2 Shield FROZR

M.2 thermal accessory keeps M.2 SSDs safe while preventing throttling, making them run faster.



### Lightning USB 20G

Built-in USB 3.2 Gen 2x2 port, offers 20Gbps transmission speed, 4X faster than USB 3.2 Gen 1.



### Audio Boost 5

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



### Memory Boost

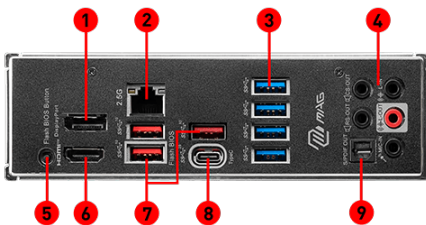
Advanced technology to deliver pure data signals for the best performance, stability and compatibility.



### Core Boost

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

## CONNECTIONS



- |                                |                                  |
|--------------------------------|----------------------------------|
| 1. DisplayPort 1.4             | 2. 2.5G LAN Port                 |
| 3. USB 3.2 Gen 1 5Gbps Type-A  | 4. HD Audio Connectors           |
| 5. Flash BIOS Button           | 6. HDMI™ 2.1 Port                |
| 7. USB 3.2 Gen 2 10Gbps Type-A | 8. USB 3.2 Gen 2x2 20Gbps Type-C |
| 9. Optical S/PDIF OUT          |                                  |