

MAG B650M MORTAR WIFI

UNITE AS ONE









SPECIFICATIONS

| Model Name | MAG B650M MORTAR WIFI |
|-------------------|--|
| CPU Support | Supports AMD Ryzen™ 7000 Series Desktop Processors |
| CPU Socket | Socket AM5 |
| Chipset | AMD B650 Chipset |
| Graphics | 2x PCle 4.0 x16 slots, 1x PCle 3.0 x1 slot |
| Interface | |
| Display Interface | Support 4K@60Hz as specified in HDMI™ 2.1, DisplayPort |
| | 1.4 |
| | - Requires Processor Graphics |
| Memory Support | 4 DIMMs, Dual Channel DDR5 6400+MHz (OC) |
| Storage | 2x M.2 Gen4 x4 64Gbps slots |
| | 6x SATA 6Gbps ports |
| USB ports | 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 |
| LAN | 1x Realtek® RTL8125BG 2.5Gbps LAN |
| Wireless / | AMD Wi-Fi 6E, Bleutooth 5.2 |
| Bluetooth | |
| Audio | 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

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.



The latest wireless solution supports 6GHz spectrum, MU-MIMO and BSS color technology, delivering speeds up to 2400Mbps.



2.5G Network Solution

Featuring premium 2.5G LAN to deliver better network experience.



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.

CONNECTIONS



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