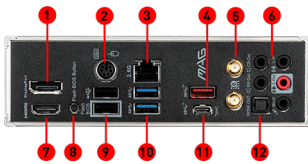




SPECIFICATION

| | |
|---------------------------|---|
| Model Name | MAG B550M MORTAR |
| CPU Support | 3rd Gen AMD Ryzen™ processors and future AMD Ryzen™ processors with BIOS update |
| CPU Socket | AMD Socket AM4 |
| Chipset | AMD B550 Chipset |
| Graphics Interface | 1x PCI-E 4.0 x16 slot 1x PCI-E 3.0 x16 slot Support 2-way AMD CrossFire™ Technology |
| Display Interface | DisplayPort, HDMI – Requires Processor Graphics |
| Memory Support | 4 DIMMs, Dual Channel DDR4-4400+(OC)Mhz |
| Expansion Slots | 2x PCI-E 3.0 x1 slots |
| Storage | 2x M.2 slots, 6x SATA 6Gb/s |
| SATA RAID | Supports RAID 0, RAID 1 and RAID 10 for SATA storage devices |
| USB Ports | 2x USB 3.2 Gen 2 10Gbps (1 Type-C + 1 Type-A) 5x USB 3.2 Gen 1 5Gbps (1 Type-C + 4 Type-A) 6x USB 2.0 |
| LAN | Realtek® RTL8125B 2.5G LAN |
| WiFi/Bluetooth | Intel® WiFi 6 AX200, Bluetooth 5.1 |
| Audio | 8-Channel(7.1) HD Audio with Audio Boost(ALC1200) |

CONNECTIONS



- | | |
|----------------------------------|-----------------------------------|
| 1. DisplayPort | 7. Port |
| 2. PS/2 Combo Port | 8. Flash BIOS Button |
| 3. 2.5G LAN Port | 9. USB 2.0 port |
| 4. USB 3.2 Gen 2 10Gbps (Type-A) | 10. USB 3.2 Gen 1 5Gbps (Type-A) |
| 5. Wi-Fi / Bluetooth | 11. USB 3.2 Gen 2 10Gbps (Type-C) |
| 6. HD Audio Connectors | 12. Optical S/PDIF OUT |

FEATURE



Extended Heatsink Design

MSI extended PWM heatsink and enhanced circuit design ensures even high-end processors to run in full speed.



M.2 Shield FROZR

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



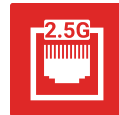
Lightning Gen4 solution

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



2oz Thickened Copper PCB

An enhanced PCB design improves heat dissipation and performance reliability.



2.5G LAN

Onboard 2.5G LAN with LAN manager, delivering the best online gaming experience.



WiFi 6

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



Core Boost

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



DDR4 Boost

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