



## FEATURES



### 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.



### 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.



### Audio Boost

Reward your ears with studio grade sound quality for the most immersive audio experience.



### 2oz Thickened Copper PCB

An enhanced PCB design improves heat dissipation and performance reliability.



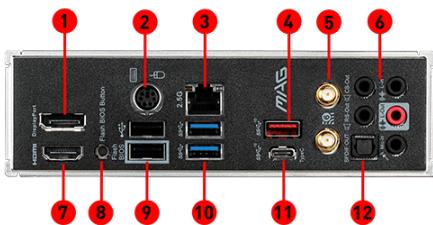
### Lightning Gen4 Solution

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

## SPECIFICATIONS

<b>Model Name</b>	MAG B550M MORTAR WIFI
<b>CPU Support</b>	3rd Gen AMD Ryzen™ processors and future AMD Ryzen™ processors with BIOS update
<b>CPU Socket</b>	AMD Socket AM4
<b>Chipset</b>	AMD B550 Chipset
<b>Graphics Interface</b>	1x PCI-E 4.0 x16 slot 1x PCI-E 3.0 x16 slot Support 2-way AMD CrossFire™ Technology
<b>Display Interface</b>	DisplayPort, HDMI™ - Requires Processor Graphics
<b>Memory Support</b>	4 DIMMs, Dual Channel DDR4-4400+(OC)MHz
<b>Expansion Slots</b>	2x PCI-E 3.0 x1 slots
<b>Storage</b>	2x M.2 slots, 6x SATA 6Gb/s
<b>SATA RAID</b>	Supports RAID 0, RAID 1 and RAID 10 for SATA storage devices
<b>USB Ports</b>	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
<b>LAN</b>	Realtek® RTL8125B 2.5G LAN
<b>WiFi/Bluetooth</b>	WiFi 6 module + Bluetooth 5.2
<b>Audio</b>	8-Channel(7.1) HD Audio with Audio Boost(ALC1200)

## CONNECTIONS



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