



## SPECIFICATIONS

<b>Model Name</b>	MAG B550M MORTAR MAX WIFI
<b>CPU Support</b>	AMD Ryzen™ 5000 Series, 5000 G-Series, 4000 G-Series, 3000 Series desktop processors
<b>CPU Socket</b>	AM4
<b>Chipset</b>	AMD B550 Chipset
<b>Graphics</b>	1x PCIe 4.0 x16 slot, 1x PCIe 3.0 x16 slot
<b>Interface</b>	Supports AMD CrossFire™ Technology
<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 DDR4-4400+ (OC)
<b>Expansion Slots</b>	2x PCIe 3.0 x1 slots
<b>Storage</b>	1x M.2 Gen4 x4 64Gbps slot, 1x M.2 Gen3 x4 32Gbps slot 6x SATA 6Gbps ports
<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>	1x Realtek® RTL8125B 2.5Gbps LAN
<b>WiFi/Bluetooth</b>	AMD Wi-Fi 6E module, Bluetooth 5.2
<b>Audio</b>	8-Channel (7.1) HD Audio

## FEATURES



### Extended Heatsink Design

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



### Wi-Fi 6E

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



### M.2 Shield FROZR

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



### Core Boost

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



### Lightning Gen4 Solution

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



### 2.5G Network Solution

Featuring premium 2.5G LAN to deliver better network experience.



### Audio Boost

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



### DDR4 Boost

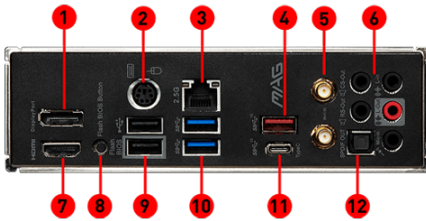
Advanced technology to deliver pure data signals for the best gaming performance and stability.



### 2oz Thickened Copper PCB

An enhanced PCB design improves heat dissipation and performance reliability.

## CONNECTIONS



- |                                 |                                |
|---------------------------------|--------------------------------|
| 1. DisplayPort 1.4              | 2. PS/2 Combo Port             |
| 3. 2.5G LAN Port                | 4. USB 3.2 Gen 2 10Gbps Type-A |
| 5. Wi-Fi / Bluetooth Antenna    | 6. HD Audio Connectors         |
| 7. HDMI™ 2.1 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         |