



## FEATURES

**Turbo M.2**

Delivering Speeds Up to 32Gb/s

**AMD Turbo USB 3.1 Gen2**

Powered by AMD, ensure an uninterrupted connection with more stability and fastest USB speeds.

**Flash BIOS Button**

Simply use a USB key to flash any BIOS within seconds, without installing a CPU, memory or graphics card.

**MULTI-GPU**

Supports 2-way AMD CrossFire™ with optimal slot placement for the best airflow.

**Core Boost**

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

**EZ Debug LED**

Easiest way to troubleshoot.

**Extended Heatsink Design**

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

**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.

## SPECIFICATIONS

<b>Model Name</b>	B450M MORTAR
<b>CPU Support</b>	Supports AMD® Ryzen™ 1 <sup>st</sup> and 2 <sup>nd</sup> Generation/ Ryzen™ with Radeon™ Vega Graphics Processors for Socket AM4
<b>CPU Socket</b>	Socket AM4
<b>Chipset</b>	AMD® B450 Chipset
<b>Graphics Interface</b>	1 x PCI-E 3.0 x16 slot + 1 x PCE-E 2.0 x16 slot. Support 2-way CrossFire
<b>Display Interface</b>	HDMI™, DisplayPort - Requires Processor Graphics
<b>Memory Support</b>	4 DIMMs, Dual Channel DDR4-3466
<b>Expansion Slots</b>	2 x PCI-E x1 slots
<b>Storage</b>	2 x M.2 slots, 4 x SATA 6Gb/s
<b>USB ports</b>	2 x USB 3.1 (Gen2) + 6 x USB 3.1 (Gen1) + 6 x USB 2.0
<b>LAN</b>	10/100/1000Mbps LAN
<b>Audio</b>	8-Channel(7.1) HD Audio with Audio Boost

## CONNECTIONS



1. Flash BIOS Button
2. PS/2 Combo Port
3. DisplayPort
4. LAN Port
5. USB 3.1 Gen2 Type A
6. HD Audio Connectors
7. USB 2.0 Port
8. HDMI™ Port
9. USB 3.1 Gen1
10. USB 3.1 Gen2 Type C
11. Optical S/PDIF OUT