



## SPECIFICATIONS

<b>Model Name</b>	B450M MORTAR MAX
<b>CPU Support</b>	Supports 1st, 2nd and 3rd Gen AMD Ryzen™ / Ryzen™ with Radeon™ Vega Graphics and 2nd Gen AMD Ryzen™ with Radeon™ Graphics / Athlon™ with Radeon™ Vega Graphics Desktop 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 PCI-E 2.0 x16 slot Supports 2-way CrossFire
<b>Display Interface</b>	HDMI™, DisplayPort - Requires Processor Graphics
<b>Memory Support</b>	4 DIMMs, Dual Channel DDR4-4133
<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 3.2 (Gen2) + 6 x USB 3.2 (Gen1) + 6 x USB 2.0
<b>LAN</b>	Realtek® 8111H Gigabit LAN
<b>Audio</b>	8-Channel(7.1) HD Audio with Audio Boost

## FEATURES



### MULTI-GPU

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



### Flash BIOS Button

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



### AMD Turbo USB 3.2 Gen2

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



### 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.



### Turbo M.2

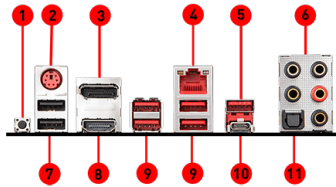
Running at PCI-E Gen3 x4 maximizes performance for NVMe based SSDs.



### DDR4 Boost

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

## CONNECTIONS



- |                        |                         |
|------------------------|-------------------------|
| 1. Flash BIOS Button   | 2. PS/2 Combo Port      |
| 3. DisplayPort         | 4. LAN Port             |
| 5. USB 3.2 Gen2 Type A | 6. HD Audio Connectors  |
| 7. USB 2.0 Ports       | 8. HDMI™ Port           |
| 9. USB 3.2 Gen1        | 10. USB 3.2 Gen2 Type C |
| 11. Optical S/PDIF OUT |                         |