



## SPECIFICATIONS

|                           |                                                                                                                                  |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>Model Name</b>         | B450M MORTAR TITANIUM                                                                                                            |
| <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                                                                                         |

## FEATURES

|  |                                                                                                                                                 |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>AMD Turbo USB 3.1 Gen2</b><br>Powered by AMD, ensure an uninterrupted connection with more stability and fastest USB speeds.                 |
|  | <b>MULTI-GPU</b><br>With Steel Armor PCI-E slot. Supports 2-Way AMD Crossfire™.                                                                 |
|  | <b>Turbo M.2</b><br>Delivering Speeds Up to 32Gb/s                                                                                              |
|  | <b>Flash BIOS Button</b><br>Simply use a USB key to flash any BIOS within seconds, without installing a CPU, memory or graphics card.           |
|  | <b>Core Boost</b><br>With premium layout and fully digital power design to support more cores and provide better performance.                   |
|  | <b>EZ Debug LED</b><br>Easiest way to troubleshoot.                                                                                             |
|  | <b>Extended Heatsink Design</b><br>MSI extended PWM heatsink and enhanced circuit design ensures even high-end processors to run in full speed. |
|  | <b>Audio Boost</b><br>Reward your ears with studio grade sound quality for the most immersive audio experience.                                 |
|  | <b>DDR4 Boost</b><br>Advanced technology to deliver pure data signals for the best gaming performance and stability.                            |

## CONNECTIONS



- Flash BIOS Button
- PS/2 Combo Port
- DisplayPort
- LAN Port
- USB 3.1 Gen2 Type A
- HD Audio Connectors
- USB 2.0 Port
- HDMI™ Port
- USB 3.1 Gen1
- USB 3.1 Gen2 Type C
- Optical S/PDIF OUT