












SPECIFICATIONS

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

FEATURES

- 
AMD Turbo USB 3.1 Gen2
 Powered by AMD, ensure an uninterrupted connection with more stability and fastest USB speeds.
- 
MULTI-GPU
 With Steel Armor PCI-E slot. Supports 2-Way AMD Crossfire™.
- 
Turbo M.2
 Delivering Speeds Up to 32Gb/s
- 
Flash BIOS Button
 Simply use a USB key to flash any BIOS within seconds, without installing a CPU, memory or graphics card.
- 
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.

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