



# msi

MOTHERBOARD

## B450M MORTAR TITANIUM

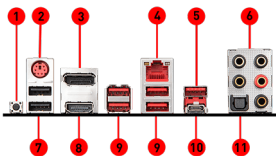
BLAST AWAY THE COMPETITION



## SPECIFICATIONS

Model Name	B450M MORTAR TITANIUM
CPU Support	Supports AMD® Ryzen™ 1 <sup>st</sup> and 2 <sup>nd</sup> 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

## CONNECTIONS



1. BIOS FLASHBACK+ 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

## 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.



### Extended Heatsink Design

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



### BIOS Flashback+

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.



### DDR4 Boost

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



### Audio Boost

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



### MULTI-GPU

With Steel Armor PCI-E slot. Supports 2-Way AMD Crossfire™