



## SPECIFICATIONS

|                           |                                                                                                                                                                                                  |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Model Name</b>         | B450M PRO-VDH 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                                                                                                                                                                           |
| <b>Display Interface</b>  | DVI-D, VAG, HDMI™ - Requires Processor Graphics                                                                                                                                                  |
| <b>Memory Support</b>     | 4 DIMMs, Dual Channel DDR4 up to 3466+(OC) MHz                                                                                                                                                   |
| <b>Expansion Slots</b>    | 2 x PCI-E x1 slots                                                                                                                                                                               |
| <b>Storage</b>            | 1 x M.2 slot, 4 x SATA 6Gb/s                                                                                                                                                                     |
| <b>USB ports</b>          | 6 x USB 3.2(Gen1) + 8 x USB 2.0                                                                                                                                                                  |
| <b>LAN</b>                | Realtek® 8111H Gigabit LAN                                                                                                                                                                       |
| <b>Audio</b>              | 8-Channel(7.1) HD Audio with Audio Boost                                                                                                                                                         |

## FEATURES



### PCI-E Steel Armor

Protecting VGA cards against bending and EMI



### 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.



### Audio Boost

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



### Turbo M.2

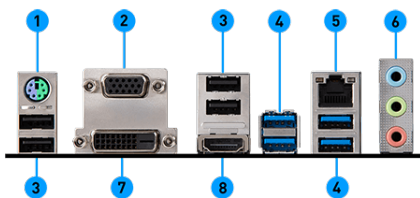
Running at PCI-E Gen3 x4 maximizes performance for NVMe based SSDs.



### DDR4 Boost

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

## CONNECTIONS



1. PS/2
2. VGA Port
3. USB 2.0 Port
4. USB 3.2 Gen1
5. LAN Port
6. HD Audio Connectors
7. DVI-D Port
8. HDMI™ Port