



SPECIFICATIONS

| | |
|---------------------------|---|
| Model Name | B550M PRO-VDH WIFI |
| CPU Support | Support for 3rd Gen AMD® Ryzen™ processors and future AMD® Ryzen™ processors with BIOS update |
| CPU Socket | AMD Socket AM4 |
| Chipset | AMD® B550 Chipset |
| Graphics Interface | 1x PCIe 4.0 / 3.0 x16 slot |
| Display Interface | DisplayPort, HDMI™, VGA - Requires Processor Graphics |
| Memory Support | 4 DIMMs, Dual Channel DDR4-4400 MHz (OC) |
| Expansion Slots | 2x PCI-E 3.0 x1 slots, |
| Storage | 1x M.2 Gen4 x4 slot, 1x M.2 Gen3 x4 slot, 4x SATA 6Gb/s ports |
| USB ports | 7x USB 3.2 Gen 1 5Gbps (6 Type-A + 1 Type-C) + 6x USB 2.0 |
| LAN | Realtek® RTL8111HN Gigabit LAN |
| Wi-Fi / Bluetooth | Wi-Fi AC, Bluetooth 4.2 |
| Audio | 8-Channel (7.1) HD Audio with Audio Boost |

FEATURES



PCI-E Steel Armor

Protecting VGA cards against bending and EMI



Mystic Light Extension

Control additional RGB or Rainbow strip added to your system with Dragon Center.



M.2 Shield FROZR

Strengthened built-in M.2 thermal solution. Keeps M.2 SSDs safe while preventing throttling, making them run faster.



Lightning Gen4 Solution

The latest Gen4 PCI-E and M.2 solution with up to 64GB/s bandwidth for maximum transfer speed.



Core Boost

With premium layout and fully digital power design to support more cores and provide better performance.



Audio Boost

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



DDR4 Boost

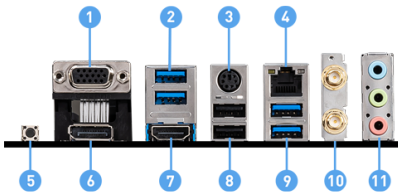
Advanced technology to deliver pure data signals for the best gaming performance and stability.



2oz Thickened Copper PCB

An enhanced PCB design improves heat dissipation and performance reliability.

CONNECTIONS



- | | |
|-------------------------------|-------------------------------|
| 1. VGA | 2. USB 3.2 Gen 1 5Gbps Type-A |
| 3. Keyboard / Mouse | 4. LAN |
| 5. Flash BIOS Button | 6. DisplayPort |
| 7. HDMI™ | 8. USB 2.0 |
| 9. USB 3.2 Gen 1 5Gbps Type-A | 10. Wi-Fi / Bluetooth |
| 11. HD Audio Connectors | |