## 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.

**Core Boost**

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

**Lightning Gen4 Solution**

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

**2oz Thickened Copper PCB**

An enhanced PCB design improves heat dissipation and performance reliability.
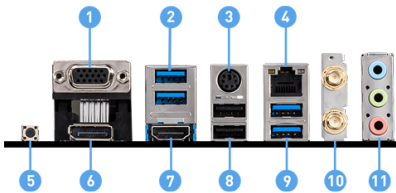
## SPECIFICATIONS

| | |
|---|---|
| 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 | Intel® Wireless-AC 3168, Bluetooth 4.2 |
| Audio | 8-Channel (7.1) HD Audio with Audio Boost |

## 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 | |