



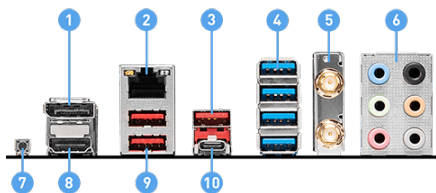
## SPECIFICATIONS

|                             |   |
|-----------------------------|---|
| <b>Model Name</b>           | PRO B650-P WIFI   |
| <b>CPU Support</b>          | Supports AMD Ryzen™ 9000 / 8000 / 7000 Series Desktop Processors  |
| <b>CPU Socket</b>           | Socket AM5  |
| <b>Chipset</b>              | AMD B650 Chipset  |
| <b>Expansion Slots</b>      | 2x PCIe 4.0 x16 slots<br>2x PCIe 3.0 x1 slots   |
| <b>Display Interface</b>    | Support 4K@60Hz as specified in HDMI™ 2.1, DisplayPort 1.4 – Requires Processor Graphics  |
| <b>Memory Support</b>       | 4 DIMMs, Dual Channel DDR5-7200+MHz (OC)  |
| <b>Storage</b>              | 2x M.2 Gen4 x4 64Gbps slots,<br>6x SATA 6Gbps ports   |
| <b>USB ports</b>            | 1x USB 3.2 Gen 2x2 20Gbps (1 Type-C),<br>4x USB 3.2 Gen 2 10Gbps (3 Type-A + 1 Type-C),<br>6x USB 3.2 Gen 1 5Gbps (6 Type-A),<br>4x USB 2.0 |
| <b>LAN</b>                  | Realtek® 8125BG 2.5G LAN  |
| <b>Wireless / Bluetooth</b> | AMD® Wi-Fi 6E, Bluetooth 5.3  |
| <b>Audio</b>                | 8-Channel (7.1) HD Audio with Audio Boost   |

## FEATURES

- Latest DDR5 Memory**  
 A huge step of DDR performance enhancement with the latest DDR5 memory and MSI Memory Boost technology.
- Lightning Gen4 Solution**  
 The latest Gen4 PCI-E and M.2 solution with up to 64GB/s bandwidth for maximum transfer speed.
- Wi-Fi 6E**  
 The latest wireless solution supports 6GHz spectrum, MU-MIMO and BSS color technology, delivering speeds up to 2400Mbps.
- Extended Heatsink Design**  
 MSI extended PWM heatsink and enhanced circuit design ensures even high-end processors to run in full speed.
- M.2 Shield FROZR**  
 Strengthened built-in M.2 thermal solution. Keeps M.2 SSDs safe while preventing throttling, making them run faster.
- 2.5G Network Solution**  
 Featuring premium 2.5G LAN to deliver better network experience.
- EZ Debug LED**  
 Easiest way to troubleshoot.
- Memory Boost**  
 Advanced technology to deliver pure data signals for the best performance, stability and compatibility.
- Core Boost**  
 With premium layout and fully digital power design to support more cores and provide better performance.

## CONNECTIONS



- |                                  |                                     |
|----------------------------------|-------------------------------------|
| 1. DisplayPort                   | 2. 2.5G LAN                         |
| 3. USB 3.2 Gen 2 10Gbps (Type-A) | 4. USB 3.2 Gen 1 5Gbps (Type-A)     |
| 5. Wi-Fi / Bluetooth             | 6. Audio connectors                 |
| 7. Flash BIOS Button             | 8. HDMI™                            |
| 9. USB 3.2 Gen 2 10Gbps (Type-A) | 10. USB 3.2 Gen 2x2 20Gbps (Type-C) |