



## 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.
- 2.5G Network Solution**

Featuring premium 2.5G LAN to deliver better network experience.
- Frozr AI Cooling**

Detect CPU & GPU temperatures and automatically adjust system fan duty to a proper value.
- EZ Debug LED**

Easiest way to troubleshoot.
- Memory Boost**

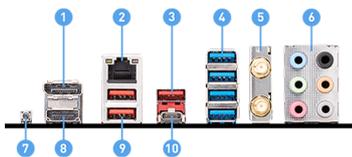
Advanced technology to deliver pure data signals for the best performance, stability and compatibility.
- Core Boost**

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

## SPECIFICATIONS

<b>Model Name</b>	PRO B650-S WIFI
<b>CPU Support</b>	Supports AMD Ryzen™ 9000 / 8000 / 7000 Series Desktop Processors
<b>CPU Socket</b>	AMD Socket AM5
<b>Chipset</b>	AMD B650 Chipset
<b>Expansion Slots</b>	2x PCIe 4.0 x16 slots 1x PCIe 3.0 x1 slot
<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 4x SATA 6Gbps ports
<b>USB ports</b>	1x USB 3.2 Gen 2x2 20G (1 Type-C) 4x USB 3.2 Gen 2 10Gbps (3 Type-A + 1 Type-C) 6x USB 3.2 Gen 1 5Gbps (6 Type-A) 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

## CONNECTIONS



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| <ol style="list-style-type: none"> <li>1. DisplayPort</li> <li>3. USB 3.2 Gen 2 10Gbps (Type-A)</li> <li>5. Wi-Fi / Bluetooth</li> <li>7. Flash BIOS Button</li> <li>9. USB 3.2 Gen 2 10Gbps (Type-A)</li> </ol> | <ol style="list-style-type: none"> <li>2. 2.5G LAN</li> <li>4. USB 3.2 Gen 1 5Gbps (Type-A)</li> <li>6. Audio connectors</li> <li>8. HDMI™</li> <li>10. USB 3.2 Gen 2x2 20Gbps (Type-C)</li> </ol> |
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