



SPECIFICATIONS

| | |
|--------------------------|---|
| Model Name | PRO B850-S WIFI6E |
| CPU Support | Supports AMD Ryzen™ 9000 / 8000 / 7000 Series Desktop Processors |
| CPU Socket | Socket AM5 |
| Chipset | AMD B850 Chipset |
| Expansion Slots | 1 x PCIe 4.0 x16 slot, 1 x PCIe 4.0 x4 slot, 1 x PCIe 3.0 x1 slot |
| Display Interface | Support 4K@60Hz as specified in HDMI™ 2.1, DisplayPort 1.2 – Requires Processor Graphics |
| Memory Support | 4 DIMMs, Dual Channel DDR5 – 8200+ MT/s (OC) |
| Storage | 1 x M.2 Gen5 x4 128Gbps slot, 1 x M.2 Gen4 x4 64Gbps slot, 4 x SATA 6Gbps ports |
| USB ports | 5 x USB 10Gbps (3 Type-A + 2 Type-C), 6 x USB 5Gbps (6 Type-A) 4 x USB 2.0 |
| LAN | Realtek® 8125 2.5G LAN |
| WiFi / BT | Wi-Fi 6E Solution, Bluetooth 5.3 |
| Audio | 8-Channel (7.1) HD Audio with Audio Boost |

FEATURES



Lightning Gen 5 Solution

The latest Gen 5 M.2 solution with up to 128GB/s bandwidth for maximum transfer speed.



EZ Antenna

EZ Antenna makes the process effortless by simply attaching fasteners to the motherboard without rotation.



EZ PCIe Clip II

Allows for easy removal of the graphics card by pressing the tail-like lock with one finger, even in the cramped case spaces.



2.5G Network Solution

Featuring premium 2.5G LAN to deliver better network experience.



Latest DDR5 Memory

A huge step of DDR performance enhancement with the latest DDR5 memory and MSI Memory Boost technology.



Wi-Fi 6E

The latest wireless solution supports 6GHz spectrum, MU-MIMO and BSS color technology, delivering speeds up to 2400Mbps.



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

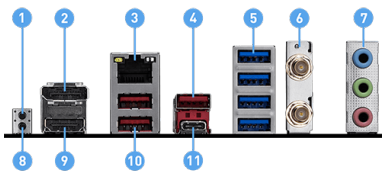
Advanced technology to deliver pure data signals for the best performance, stability and compatibility.



Core Boost

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

CONNECTIONS



1. Clear CMOS Button
2. DisplayPort
3. 2.5G LAN
4. USB 10Gbps Type-A
5. USB 5Gbps Type-A
6. Wi-Fi / Bluetooth
7. Audio Connectors
8. Flash BIOS Button
9. HDMI™
10. USB 10Gbps Type-A
11. USB 10Gbps Type-C