



## 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.



### Froze 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

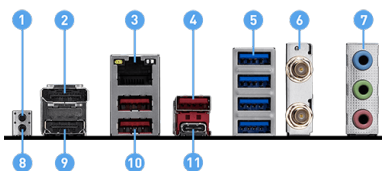
Advanced technology to deliver pure data signals for the best performance, stability and compatibility.



### 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