



## SPECIFICATIONS

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