



## SPECIFICATIONS

|                      |                                                                                                                    |
|----------------------|--------------------------------------------------------------------------------------------------------------------|
| Model Name           | PRO B850-S EVO WIFI                                                                                                |
| CPU Support          | Supports AMD Ryzen™ 9000 / 8000 / 7000 series Desktop Processors                                                   |
| CPU Socket           | AMD Socket AM5                                                                                                     |
| Chipset              | AMD B850 Chipset                                                                                                   |
| Expansion Slots      | 1 x PCIe 5.0 x16 slot<br>1 x PCIe 4.0 x4 slot                                                                      |
| Display Interface    | Support 4K@60Hz as specified in HDMI™ 2.1, DisplayPort 1.4 – Requires Processor Graphics                           |
| Memory Support       | 4 DIMMs, Dual Channel DDR5 – 8200+ MT/s                                                                            |
| Storage              | 1 x M.2 Gen5 x4 128Gbps slot<br>1 x M.2 Gen4 x4 64Gbps slot<br>1 x M.2 Gen4 x2 32Gbps slot<br>4 x SATA 6Gbps ports |
| USB ports            | 4 x USB 10Gbps (2 Type-A + 2 Type-C)<br>4 x USB 5Gbps (4 Type-A)<br>8 x USB 2.0                                    |
| LAN                  | Realtek® 8126 5G LAN                                                                                               |
| Wireless / Bluetooth | Wi-Fi 7 Solution, Bluetooth 5.4                                                                                    |
| Audio                | 8-Channel (7.1) HD Audio with Audio Boost                                                                          |

## CONNECTIONS



- |                       |                       |
|-----------------------|-----------------------|
| 1. Clear CMOS Button  | 2. DisplayPort        |
| 3. 5G LAN             | 4. USB 2.0            |
| 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 |                       |

## FEATURES



### 64MB BIOS

A larger BIOS ROM capacity allows the motherboard to support next-level CPU upgrades with better compatibility.



### Wi-Fi 7

Wi-Fi 7 is the latest wireless solution that takes a huge leap forward with multiple improvements to meet the traffic demand brought and the growing number of wireless devices.



### 5G Network Solution

Featuring premium 5G LAN to deliver better network experience.



### 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.



### Latest DDR5 Memory

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



### Lightning Gen 5

The latest PCIe 5.0 solution with up to 128GB/s bandwidth for maximum transfer speed.



### USB 10Gbps Type-C

Lightning-fast data transfer and effortless connectivity for modern peripherals.



### Frozr AI Cooling

Detect CPU & GPU temperatures and automatically adjust system fan duty to a proper value.