



## SPECIFICATIONS

<b>Model Name</b>	PRO B850M-P WIFI
<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 5.0 x16 slot 3 x PCIe 3.0 x1 slots
<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 - 8200+ MT/s (OC)
<b>Storage</b>	1 x M.2 Gen5 x4 128Gbps slot, 1 x M.2 Gen4 x4 64Gbps slot, 1 x M.2 Gen4 x2 32Gbps slot, 4 x SATA 6Gbps ports
<b>USB ports</b>	3 x USB 10Gbps (1 Type-A + 2 Type-C), 6 x USB 5Gbps (6 Type-A) 8 x USB 2.0
<b>LAN</b>	Realtek® 8126 5G LAN
<b>WiFi / BT</b>	Wi-Fi 7 Solution, Bluetooth 5.4
<b>Audio</b>	8-Channel (7.1) HD Audio with Audio Boost

## FEATURES



### 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 M.2 Shield Frozr II

The new tool-less design makes installing or removing your M.2 SSD and Shield Frozr much easier



### EZ Antenna

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



### 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.



### Extended Heatsink Design

MSI extended PWM heatsink and enhanced circuit design ensures even high-end processors to run in full speed.



### Pre-installed I/O Shielding

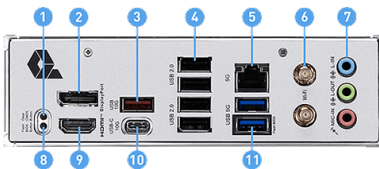
Better EMI protection and more convenience for installation



### Frozr AI Cooling

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

## CONNECTIONS



- |                      |                       |
|----------------------|-----------------------|
| 1. Clear CMOS Button | 2. DisplayPort        |
| 3. USB 10Gbps Type-A | 4. USB 2.0            |
| 5. 5G LAN            | 6. Wi-Fi / Bluetooth  |
| 7. Audio connectors  | 8. Flash BIOS Button  |
| 9. HDMI™             | 10. USB 10Gbps Type-C |
| 11. USB 5Gbps Type-A |                       |