



## SPECIFICATIONS

<b>Model Name</b>	PRO B840-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 B840 Chipset
<b>Expansion Slots</b>	1 x PCIe 4.0 x16 slot 1 x PCIe 3.0 x16 slot 3 x PCIe 3.0 x1 slots
<b>Display Interface</b>	Support 4K@60Hz as specified in HDMI™ 2.1 – Requires Processor Graphics
<b>Memory Support</b>	4 DIMMs, Dual Channel DDR5 - 8000+ MT/s (OC)
<b>Storage</b>	2 x M.2 Gen4 x4 64Gbps slots, 4 x SATA 6Gbps ports
<b>USB ports</b>	2 x USB 10Gbps (1 Type-A + 1 Type-C), 5 x USB 5Gbps (4 Type-A + 1 Type-C), 8 x USB 2.0
<b>LAN</b>	Realtek® 8125 2.5G 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

The latest wireless solution with a new 320MHz channel, achieving a maximum transmission speed of 5.8Gbps, which is 2.4 times faster than Wi-Fi 6/6E.



### 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 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 Gen4 Solution

The latest Gen4 PCI-E and M.2 solution with up to 64GB/s bandwidth for maximum transfer speed.



### 2.5G Network Solution

Featuring premium 2.5G LAN to deliver better network experience.



### 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

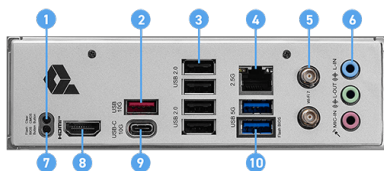
Better EMI protection and more convenience for installation



### Frozr AI Cooling

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

## CONNECTIONS



1. Clear CMOS Button
2. USB 10Gbps Type-A
3. USB 2.0
4. 2.5G LAN
5. Wi-Fi / Bluetooth
6. Audio connectors
7. Flash BIOS Button
8. HDMI™
9. USB 10Gbps Type-C
10. USB 5Gbps Type-A