



FEATURES



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.



5G Network Solution

Featuring premium 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.



Lightning Gen4 Solution

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



Wi-Fi 6E

The latest wireless solution supports 6GHz spectrum, MU-MIMO and BSS color technology, delivering speeds up to 2400Mbps.



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



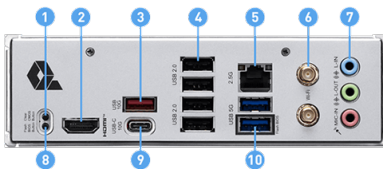
Frozr AI Cooling

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

SPECIFICATIONS

| | |
|--------------------------|--|
| Model Name | PRO B840M-P WIFI6E |
| CPU Support | Supports AMD Ryzen™ 9000 / 8000 / 7000 series Desktop Processors |
| CPU Socket | AMD Socket AM5 |
| Chipset | AMD B840 Chipset |
| Expansion Slots | 1 x PCIe 4.0 x16 slot 1 x PCIe 3.0 x1 slot |
| Display Interface | Support 4K@60Hz as specified in HDMI™ 2.1 - Requires Processor Graphics |
| Memory Support | 4 DIMMs, Dual Channel DDR5 – 8000+ MT/s (OC) |
| Storage | 2 x M.2 Gen4 x4 64Gbps slots, 4 x SATA 6Gbps ports |
| USB Ports | 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 |
| 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 |

CONNECTIONS



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