















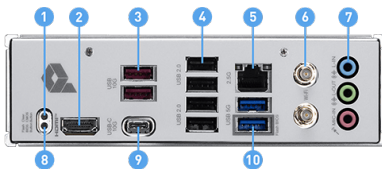
## SPECIFICATIONS

<b>Model Name</b>	PRO B840M-P EVO WIFI6E PZ
<b>CPU Support</b>	Supports AMD Ryzen™ 9000 / 8000 / 7000 series Desktop Processors
<b>CPU Socket</b>	AMD Socket AM5
<b>Chipset</b>	AMD B840 Chipset
<b>Expansion Slots</b>	1 x PCIe 4.0 x16 slot 1 x PCIe 3.0 x4 slot 2 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 1 x M.2 Gen3 x2 16Gbps slot 4 x SATA 6Gbps ports
<b>USB Ports</b>	4 x USB 10Gbps (2 Type-A + 2 Type-C) 4 x USB 5Gbps (4 Type-A) 8 x USB 2.0
<b>LAN</b>	Realtek® 8125 2.5G LAN
<b>Wireless / Bluetooth</b>	Wi-Fi 6E module, Bluetooth 5.3
<b>Audio</b>	8-Channel (7.1) HD Audio with Audio Boost

## FEATURES

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**5G Network Solution**  
 Featuring premium 5G LAN to deliver better network experience.
- 
**64MB BIOS**  
 A larger BIOS ROM capacity allows the motherboard to support next-level CPU upgrades with better compatibility.
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**Back-Connect Design**  
 Move the connectors to the back to provide a cleaner and neater front view and significantly reduces the difficulty of cable management.
- 
**Wi-Fi 6E**  
 Supports 6GHz spectrum, MU-MIMO and BSS color technology, delivering speeds up to 2400Mbps.
- 
**2.5G LAN**  
 Onboard 2.5G LAN with AI LAN Manager, ensuring a smooth and optimized online experience.
- 
**Lightning Gen4 Solution**  
 The Gen4 PCI-E solution with up to 64GB/s bandwidth for maximum transfer speed.
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**EZ Antenna**  
 EZ Antenna makes the process effortless by simply attaching fasteners to the motherboard without rotation.
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**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.
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**M.2 Shield FROZR**  
 Strengthened built-in M.2 thermal solution. Keeps M.2 SSDs safe while preventing throttling, making them run faster.
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**Extended Heatsink Design**  
 MSI extended PWM heatsink and enhanced circuit design ensures even high-end processors to run in full speed.
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**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. 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