














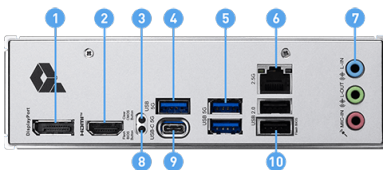
SPECIFICATIONS

Model Name	PRO B850M-B GEN4
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 4.0 x16 slot 1 x PCIe 3.0 x1 slot
Display Interface	Support 4K@60Hz as specified in HDMI™ 2.1, DisplayPort 1.4 - Requires Processor Graphics
Memory Support	2 DIMMs, Dual Channel DDR5 - 8200+ MT/s (OC)
Storage	1 x M.2 Gen5 x4 128Gbps slot 1 x M.2 Gen4 x4 64Gbps slot 4 x SATA 6Gbps ports
USB Ports	1 x USB 10Gbps (1 Type-C) 6 x USB 5Gbps (5 Type-A + 1 Type-C) 6 x USB 2.0
LAN	Realtek® 8125 2.5G LAN
Audio	8-Channel (7.1) HD Audio with Audio Boost

FEATURES

- 
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.
- 
Latest DDR5 Memory
 A huge step of DDR performance enhancement with the latest DDR5 memory and MSI Memory Boost technology.
- 
Lightning Gen 5 Solution
 The latest Gen 5 M.2 solution with up to 128GB/s bandwidth for maximum transfer speed.
- 
2.5G Network Solution
 Featuring premium 2.5G LAN to deliver better network experience.
- 
M.2 Shield Frozr
 Built-in M.2 thermal solution keeps M.2 SSDs safe, prevents throttling and maintains the performance.
- 
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.
- 
Memory Boost
 Advanced technology to deliver pure data signals for the best performance, stability and compatibility.
- 
Core Boost
 With premium layout and fully digital power design to support more cores and provide better performance.

CONNECTIONS



- | | |
|----------------------|----------------------|
| 1. DisplayPort | 2. HDMI™ |
| 3. Clear CMOS Button | 4. USB 5Gbps Type-A |
| 5. USB 5Gbps Type-A | 6. 2.5G LAN |
| 7. Audio Connectors | 8. Flash BIOS Button |
| 9. USB 5Gbps Type-C | 10. USB 2.0 |