FEATURES

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 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.
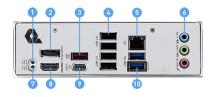
Pre-installed I/O Shielding

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.

SPECIFICATIONS

Model Name	PRO B850M-P
CPU Support	Supports AMD Ryzen™ 9000 / 8000 / 7000 Series Desktop Processors
CPU Socket	Socket AM5
Chipset	AMD B850 Chipset
Expansion Slots	1 x PCIe 5.0 x16 slot 3 x PCIe 3.0 x1 slots
Display Interface	Support 4K@60Hz as specified in HDMI™ 2.1, DisplayPort 1.4 – Requires Processor Graphics
Memory Support	4 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 1 x M.2 Gen4 x2 32Gbps slot 4 x SATA 6Gbps ports
USB ports	3 x USB 10Gbps (1 Type-A + 2 Type-C) 6 x USB 5Gbps (6 Type-A) 8 x USB 2.0
LAN	Realtek® 8126 5G LAN
Audio	8-Channel (7.1) HD Audio with Audio Boost

CONNECTIONS

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