



SPECIFICATIONS

Model Name	PRO B850M-A WIFI PZ
CPU Support	Supports AMD Ryzen™ 9000 / 8000 / 7000 series Desktop Processors
CPU Socket	AMD Socket AM5
Chipset	AMD B850 Chipset
Expansion slot	1 x PCIe 5.0 x16 slot 1 x PCIe 4.0 x4 slot 2 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 4 x SATA 6Gbps ports
USB ports	6 x USB 10Gbps (3 Type-A + 3 Type-C) 5 x USB 5Gbps (5 Type-A) 4 x USB 2.0
LAN	Realtek® 8126 5G LAN
WIFI / BT	Wi-Fi 7 Solution, Bluetooth 5.4
Audio	8-Channel (7.1) HD Audio with Audio Boost

FEATURES



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 7

Wi-Fi 7 is the latest wireless solution that takes a huge leap forward with multiple improvements to meet the traffic demand brought and the growing number of wireless devices.



5G Network Solution

Featuring premium 5G LAN to deliver better network experience.



Lightning Gen 5

The latest PCIe 5.0 solution with up to 128GB/s bandwidth for maximum transfer speed.



EZ Antenna

EZ Antenna makes the process effortless by simply attaching fasteners to the motherboard without rotation.



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.



M.2 Shield FROZR

Strengthened built-in M.2 thermal solution. Keeps M.2 SSDs safe while preventing throttling, making them run faster.



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

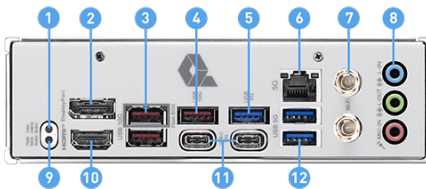
Better EMI protection and more convenience for installation



Frozr AI Cooling

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

CONNECTIONS



- | | |
|-----------------------|----------------------|
| 1. Clear CMOS Button | 2. DisplayPort |
| 3. USB 10Gbps Type-A | 4. USB 10Gbps Type-A |
| 5. USB 5Gbps Type-A | 6. 5G LAN |
| 7. Wi-Fi / Bluetooth | 8. Audio Connectors |
| 9. Flash BIOS Button | 10. HDMI™ |
| 11. USB 10Gbps Type-C | 12. USB 5Gbps Type-A |