



## SPECIFICATIONS

|                   |                                                                                                                       |
|-------------------|-----------------------------------------------------------------------------------------------------------------------|
| Model Name        | B850 GAMING PLUS 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,<br>1 x PCIe 4.0 x4 slot, 2 x PCIe 3.0 x1 slots                                                 |
| Display Interface | Support 4K@60Hz as specified in DisplayPort 1.4<br>- Requires Processor Graphics                                      |
| Memory Support    | 4 DIMMs, Dual Channel DDR5 - 8200+ MT/s (OC)                                                                          |
| Storage           | 1 x M.2 Gen5 x4 128Gbps slot,<br>1 x M.2 Gen4 x4 64Gbps slot,<br>1 x M.2 Gen4 x2 32Gbps slot,<br>4 x SATA 6Gbps ports |
| USB ports         | 3 x USB 10Gbps (1 Type-A + 2 Type-C)<br>6 x USB 5Gbps (5 Type-A + 1 Type-C)<br>8 x USB 2.0                            |
| LAN               | Realtek® 8126 5G LAN                                                                                                  |
| WIFI / BT         | Wi-Fi 7 module, 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.



### Lightning Gen 5

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



### M.2 Shield FROZR

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



### 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.



### Extended Heatsink Design

MSI extended PWM heatsink and enhanced circuit design ensures even high-end processors to run in full speed.



### Latest DDR5 Memory

A huge step of DDR performance enhancement with the latest DDR5 memory and MSI Memory Boost technology.



### Wi-Fi 7

The latest wireless solution with a new 320MHz channel, achieving a maximum transmission speed of 5.8Gbps, which is 2.4 times faster than Wi-Fi 6/6E.



### 5G Network Solution

Featuring premium 5G LAN to deliver better network experience.



### Pre-installed I/O Shielding

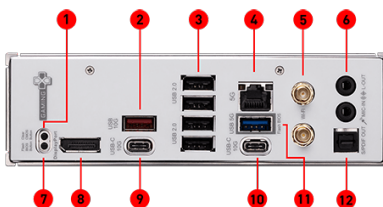
Better EMI protection and more convenience for installation



### Frozr AI Cooling

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

## CONNECTIONS



- |                        |                         |
|------------------------|-------------------------|
| 1. Clear CMOS Button   | 2. USB 10Gbps (Type-A)  |
| 3. USB 2.0             | 4. 5G LAN               |
| 5. Wi-Fi / Bluetooth   | 6. Audio Connectors     |
| 7. Flash BIOS Button   | 8. Display Port         |
| 9. USB 10Gbps (Type-C) | 10. USB 10Gbps (Type-C) |
| 11. USB 5Gbps (Type-A) | 12. Optical S/PDIF OUT  |