



## SPECIFICATIONS

|                          |   |
|--------------------------|---|
| <b>Model Name</b>        | B850 GAMING PLUS WIFI 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 B850 Chipset  |
| <b>Expansion slot</b>    | 1 x PCIe 5.0 x16 slot,<br>1 x PCIe 4.0 x4 slot, 2 x PCIe 3.0 x1 slots   |
| <b>Display Interface</b> | Support 4K@60Hz as specified in DisplayPort 1.4<br>- Requires Processor Graphics                                      |
| <b>Memory Support</b>    | 4 DIMMs, Dual Channel DDR5 - 8200+ MT/s (OC)  |
| <b>Storage</b>           | 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 |
| <b>USB ports</b>         | 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                            |
| <b>LAN</b>               | Realtek® 8126 5G LAN  |
| <b>WIFI / BT</b>         | Wi-Fi 7 module, Bluetooth 5.4   |
| <b>Audio</b>             | 8-Channel (7.1) HD Audio with Audio Boost   |

## FEATURES



### 5G Network Solution

Featuring premium 5G LAN to deliver better network experience.



### 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

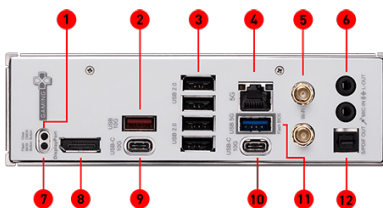
Better EMI protection and more convenience for installation



### 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