

MOTHERBOARDS

B850 GAMING PLUS WIFI PZ

WIN THE COMPETITION





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 PCle 5.0 x16 slot,
	1 x PCle 4.0 x4 slot, 2 x PCle 3.0 x1 slots
Display Interface	Support 4K@60Hz as specified in 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 (5 Type-A + 1 Type-C)
	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 taillike 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

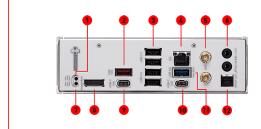
Better EMI protection and more convenience for installation

Frozr AI Cooling



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

CONNECTIONS



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