

MOTHERBOARDS

# **B850 GAMING PLUS WIFI PZ**

WIN THE COMPETITION





# **SPECIFICATIONS**

Model Name	B850 GAMING PLUS WIFI PZ
CPU Support	Supports AMD Ryzen <sup>™</sup> 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
	<ul> <li>Requires Processor Graphics</li> </ul>
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 <sup>®</sup> 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