









SPECIFICATIONS

Model Name	B850 GAMING PLUS WIFI
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 x16 slot,
	2 x PCle 3.0 x1 slots
Display Interface	Support 4K@60Hz as specified in DisplayPort 1.2 HBR
	- 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,
	4x SATA 6Gbps ports
USB ports	3 x USB 10Gbps (1 Type-A + 2 Type-C),
N.	6 x USB 5Gbps (5 Type-A + 1 Type-C)
(5)	8 x USB 2.0
LAN	Realtek® 5Gbps LAN
WIFI / BT	Wi-Fi 7 Solution, Bluetooth 5.4
Audio	8-Channel (7.1) HD Audio with Audio Boost

FEATURES



Lightning Gen 5

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



EZ M.2 Shield Frozr II

The new tool-less design makes installing or removing your M.2 SSD and Shield Frozr much easier



Triple M.2 Connectors

Onboard $3x\ M.2$ connectors with one PCle 5.0 solution, strengthened by M.2 Shield Frozr.



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.



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



Wi-Fi 7

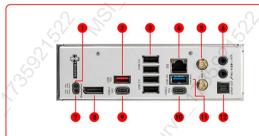
The latest wireless solution with a new 320MHz channel, achieving a maximum transmission speed of 5.8Gbps, which is 2.4 times faster than Wi-Fi 6/6E.



Audio Boost

Reward your ears with studio grade sound quality for the most immersive audio experience.

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. DisplayPort
- 10. USB 10Gbps (Type-C)
- 12. S/PDIF-OUT