

MOTHERBOARDS

B850 GAMING PLUS WIFI

WIN THE COMPETITION





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 PCIe 4.0 x16 slot,
	2 x PCIe 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),
	6 x USB 5Gbps (5 Type-A + 1 Type-C)
	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.

The new tool-less design makes installing or removing your M.2

EZ M.2 Shield Frozr II



SSD and Shield Frozr much easier Triple M.2 Connectors

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



EZ PCIe Clip II

Extended Heatsink Design

Allows for easy removal of the graphics card by pressing the taillike lock with one finger, even in the cramped case spaces.



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

A huge step of DDR performance enhancement with the latest

DDR5 memory and MSI Memory Boost technology.

Latest DDR5 Memory



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

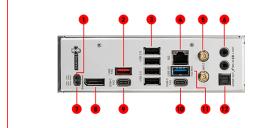
The latest wireless solution with a new 320MHz channel, achieving a maximum transmission speed of 5.8Gbps, which is 2.4 times faster than Wi-Fi 6/6E.

Audio Boost

AUDIO 8005T

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

