

MOTHERBOARDS

B840M GAMING PLUS WIFI6E

WIN THE COMPETITION









SPECIFICATIONS

Model Name	B840M GAMING PLUS WIFI6E
CPU Support	Supports AMD Ryzen [™] 9000 / 8000 / 7000 Series Desktop
	Processors
CPU Socket	AMD Socket AM5
Chipset	AMD B840 Chipset
Expansion slot	1x PCle 4.0 x16 slot,
	1x PCIe 3.0 x4 slot
Display Interface	Support 4K@60Hz as specified in HDMI [™] 2.1, DisplayPort
	1.4 – Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR5 - 8000+ MT/s (OC)
Storage	2 x M.2 Gen4 x4 64Gbps slots,
	4 x SATA 6Gbps ports
USB ports	2 x USB 10Gbps (1 Type-A + 1 Type-C)
	5 x USB 5Gbps (4 Type-A + 1 Type-C)
	8 x USB 2.0
LAN	Realtek [®] 8125D 2.5G LAN
WIFI / BT	Wi-Fi 6E module, Bluetooth 5.3
Audio	8-Channel (7.1) HD Audio with Audio Boost



Lightning Gen4 Solution





M.2 Shield FROZR



Strengthened built-in M.2 thermal solution. Keeps M.2 SSDs safe while preventing throttling, making them run faster.

The latest Gen4 PCI-E and M.2 solution with up to 64GB/s

bandwidth for maximum transfer speed.



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.

Frozr AI Cooling



2.5G LAN

Onboard 2.5G LAN with LAN manager, delivering the best online gaming experience.

Wi-Fi 6E



The latest wireless solution supports 6GHz spectrum, MU-MIMO and BSS color technology, delivering speeds up to 2400Mbps.

Latest DDR5 Memory

A huge step of DDR performance enhancement with the latest DDR5 memory and MSI Memory Boost technology.

Core Boost

With premium layout and fully digital power design to support more cores and provide better performance.

Audio Boost



CORE

80051

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)
- 2. USB 10Gbps (Type-A)
- 4. 2.5G LAN
- 6. Audio Connectors
- 8. HDMI™
- 10. USB 5Gbps (Type-A)