MOTHERBOARDS

B840 GAMING PLUS WIFI

WIN THE COMPETITION



SPECIFICATIONS

Model Name	B840 GAMING PLUS WIFI
CPU Support	Supports AMD Ryzen™ 9000 / 8000 / 7000 Series Desktop Processors
CPU Socket	AMD Socket AM5
Chipset	AMD B840 Chipset
Expansion slot	1 x PCIe 4.0 x16 slot, 1 x PCIe 3.0 x16 slot, 3 x PCIe 3.0 x1 slots
Display Interface	Support 4K@60Hz as specified in HDMI™ 2.1, – 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® 2.5Gbps LAN
WIFI / BT	Wi-Fi 7 Solution, Bluetooth 5.4
Audio	8-Channel (7.1) HD Audio with Audio Boost

FEATURES

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.

Latest DDR5 Memory

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

Lightning Gen4 Solution

The latest Gen4 PCI-E and M.2 solution with up to 64GB/s bandwidth for maximum transfer speed.

Extended Heatsink Design

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

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.

Pre-installed I/O Shielding

Better EMI protection and more convenience for installation

2.5G Network Solution

Featuring premium 2.5G LAN to deliver better network experience.

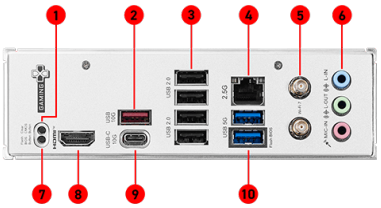
Dual M.2 Connectors

Onboard dual M.2 connectors for the maximum storage performance with Lightning Gen 4 solution.

Audio Boost

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

CONNECTIONS



1. Clear CMOS Button
2. USB 10Gbps (Type-A)
3. USB 2.0
4. 2.5G LAN
5. Wi-Fi / Bluetooth
6. HD Audio Connectors
7. Flash BIOS Button
8. HDMI™ 2.1 Port
9. USB 10Gbps (Type-C)
10. USB 5Gbps (Type-A)

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