














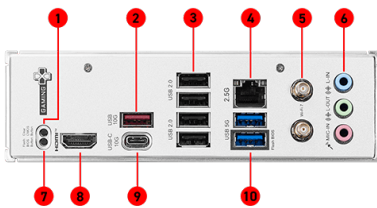
SPECIFICATIONS

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

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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.
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Wi-Fi 7
 The latest wireless solution with a new 160MHz channel, achieving a maximum transmission speed of 2.9Gbps, 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)