



## FEATURES



### 5G Network Solution

Featuring premium 5G LAN to deliver better network experience.



### Lightning Gen4 Solution

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



### M.2 Shield FROZR

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



### 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.



### Frozr AI Cooling

Detect CPU & GPU temperatures and automatically adjust system fan duty to a proper value.



### 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.



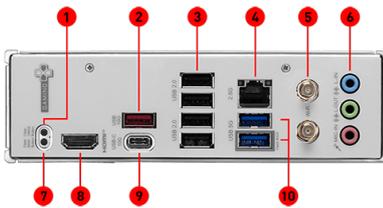
### Audio Boost

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

## SPECIFICATIONS

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

## CONNECTIONS



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