# B840M GAMING WIFI6E

**WIN THE COMPETITION**

AMD RYZEN

## SPECIFICATIONS

| | |
|---|---|
| **Model Name** | B840M GAMING WIFI6E |
| **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, <br> 1 x PCIe 3.0 x4 slot |
| **Display Interface** | Support 4K@60Hz as specified in HDMI™ 2.1, DisplayPort 1.4 – Requires Processor Graphics |
| **Memory Support** | 2 DIMMs, Dual Channel DDR5 - 8000+ MT/s (OC) |
| **Storage** | 2 x M.2 Gen4 x4 64Gbps slots, <br> 4 x SATA 6Gbps ports |
| **USB ports** | 7 x USB 5Gbps (6 Type-A + 1 Type-C) <br> 6 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 |

## FEATURES

**Lightning Gen4 Solution**

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 tail-like lock with one finger, even in the cramped case spaces.

**Dual M.2 Connectors**

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

**M.2 Shield FROZR**

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

**Frozr AI Cooling**

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

**2.5G Network Solution**

Featuring premium 2.5G LAN to deliver better network experience.

**Wi-Fi 6E**

The latest wireless solution supports 6GHz spectrum, MU-MIMO and BSS color technology, delivering speeds up to 2400Mbps.
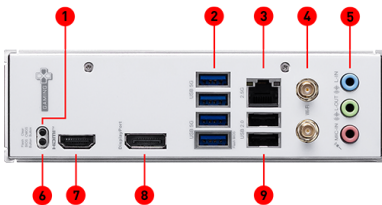
**Latest DDR5 Memory**

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

**Audio Boost**

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

## CONNECTIONS

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