MSI®

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B860M GAMING PLUS WIFI
WIN THE COMPETITION

intel CHIPSET B860

READY FOR AI PC | ULTRA CONNECT 5G 7

FEATURES

5G Network Solution

Featuring premium 5G LAN to deliver better network experience.

Thunderbolt™ 4 port

Thunderbolt™ 4 brings Thunderbolt to USB-C at true 40 Gb/s speeds, 8K display support, Daisy-Chain, Multi-Port Accessory Architecture and USB 4.0 compliant.

5G Network Solution

Featuring premium 5G LAN to deliver better network experience.

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.

Lightning Gen 5

The latest PCIe 5.0 solution with up to 128GB/s bandwidth for maximum transfer speed.

Latest DDR5 Memory

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

Triple M.2 Connectors

Onboard 3x M.2 connectors with one PCIe 5.0 solution, strengthened by M.2 Shield Frozr.

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.
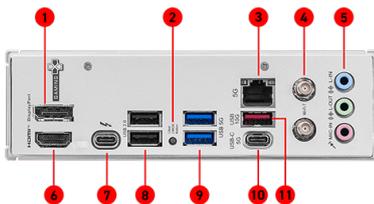
Pre-installed I/O Shielding

Better EMI protection and more convenience for installation

Audio Boost

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

SPECIFICATIONS

Model Name	B860M GAMING PLUS WIFI
CPU Support	Supports Intel® Core™ Ultra Processors (Series 2)
CPU Socket	LGA 1851
Chipset	Intel® B860 Chipset
Expansion Slots	1 x PCIe 5.0 x16 slot, 1 x PCIe 4.0 x16 slot, 2 x PCIe 4.0 x1 slots
Display Interface	Thunderbolt™ 4 (Type-C), Support 4K@60Hz as specified in HDMI™ 2.1, DisplayPort 1.4 HBR2 – Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR5 - 8800+ MT/s (OC)
Storage	1 x M.2 Gen5 x4 128Gbps slot, 1 x M.2 Gen4 x4 64Gbps slot, 1 x M.2 Gen4 x2 32Gbps slot, 4 x SATA 6Gbps ports
Thunderbolt™ 4	1 x USB Type-C up to 40Gbps, Charging support up to 5V/3A, 15W
USB ports	2 x USB 10Gbps (1 Type-A + 1 Type-C), 7 x USB 5Gbps (6 Type-A + 1 Type-C), 6 x USB 2.0
LAN	Intel® Killer™ E5000B 5Gbps LAN
WiFi / BT	Intel® Killer™ BE1750x Wi-Fi 7, Bluetooth 5.4
Audio	8-Channel (7.1) HD Audio with Audio Boost

CONNECTIONS

1. Display Port
2. Clear CMOS Button
3. 5G LAN
4. Wi-Fi / Bluetooth
5. HD Audio Connectors
6. HDMI™ 2.1 Port
7. Thunderbolt 4 40Gbps (Type-C)
8. USB 2.0
9. USB 5Gbps (Type-A)
10. USB 5Gbps (Type-C)
11. USB 10Gbps (Type-A)