

B860 GAMING PLUS WIFI

Intel[®] B860 Chipset

1 x PCle 5.0 x16 slot,

1 x PCIe 4.0 x16 slot, 2 x PCIe 4.0 x1 slots

Thunderbolt[™] 4 (Type-C),

1 x M.2 Gen5 x4 128Gbps slot, 1 x M.2 Gen4 x4 64Gbps slot,

1 x M.2 Gen4 x2 32Gbps slot,

1 x USB Type-C up to 40Gbps,

6 x USB 5Gbps (6 Type-A),

Charging support up to 5V/3A, 15W

Intel[®] Killer™ E5000B 5Gbps LAN

3 x USB 10Gbps (2 Type-A + 1 Type-C),

Intel[®] Killer[™] BE1750x Wi-Fi 7, Bluetooth 5.4

8-Channel (7.1) HD Audio with Audio Boost

4 x SATA 6Gbps ports

8 x USB 2.0

LGA 1851

Supports Intel[®] Core[™] Ultra Processors (Series 2)

Support 4K@60Hz as specified in HDMI[™] 2.1,

DisplayPort 1.4 HBR2 - Requires Processor Graphics

4 DIMMs, Dual Channel DDR5 - 8800+ MT/s (OC)

B860 GAMING PLUS WIFI

WIN THE COMPETITION



FEATURES



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.





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

Latest DDR5 Memory



DDR5

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



RUDIC

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 taillike 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.

CONNECTIONS

SPECIFICATIONS

Model Name

CPU Support

Expansion Slots

Display Interface

Memory Support

Thunderbolt[™] 4

CPU Socket

Chipset

Storage

USB ports

WiFi / BT

LAN

Audio



1. Display Port

- 3. 5G LAN
- 5. HD Audio Connectors
- 7. Thunderbolt 4 40Gbps (Type-C)
- 9. USB 10Gbps (Type-A)

2. USB 2.0
4. Wi-Fi / Bluetooth
6. HDMI[™] 2.1 Port
8. USB 5Gbps (Type-A)

10. Clear CMOS Button

© 2025 Micro-Star Int'l Co.Ltd. MSI is a registered trademark of Micro-Star Int'l Co.Ltd. All rights reserved.