SPECIFICATIONS

Model Name	B850 MLG EDITION
CPU Support	Supports AMD Ryzen™ 9000 / 8000 / 7000 Series Desktop Processors
CPU Socket	AMD Socket AM5
Chipset	AMD B850 Chipset
Expansion slots	1x PCIe 5.0 x16 slot, 1x PCIe 4.0 x4 slot, 1x PCIe 3.0 x1 slot
Display Interface	Support 8K@60Hz as specified in HDMI™ 2.1 FRL – Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR5 - 8400+ MT/s (OC)
Storage	2x M.2 Gen5 x4 128Gbps slot 1x M.2 Gen4 x4 64Gbps slot 1x M.2 Gen4 x2 32Gbps slot 4x SATA 6Gbps ports
USB ports	1x USB 20Gbps (1 Type-C) 5x USB 10Gbps (2 Type-A + 3 Type-C) 5x USB 5Gbps (5 Type-A) 8x USB 2.0 Type-A
LAN	Realtek® 5Gbps LAN
Wireless / Bluetooth	Wi-Fi 7 Solution, Bluetooth 5.4
Audio	8-Channel (7.1) HD Audio with Audio Boost 5

FEATURES

Extended Heatsink Design

MSI extended PWM heatsink and enhanced circuit design ensures even high-end processors to run in full speed.

EZ PCIe Release

A simple press of a button to effortlessly lock or unlock the PCIe slot, simplifying the installation and removal of the graphics card.

EZ M.2 Shield Frozr II

The new tool-less design makes installing or removing your M.2 SSD and Shield Frozr much easier

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.

Quadruple M.2 Connectors

Onboard quadruple M.2 connectors for the maximum storage performance.

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.
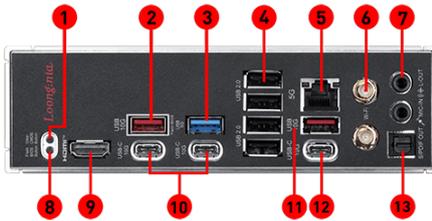
Audio Boost 5

Isolated audio with a high quality audio processor for the most immersive gaming experience

CONNECTIONS

1. Clear CMOS Button
2. USB 10Gbps Type-A
3. USB 5Gbps Type-A
4. USB 2.0
5. 5G LAN Port
6. Wi-Fi / Bluetooth
7. HD Audio Connectors
8. Flash BIOS Button
9. HDMI™
10. USB 10Gbps Type-C
11. USB 10Gbps Type-A
12. USB 10Gbps Type-C
13. Optical S/PDIF OUT