



## 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/E.



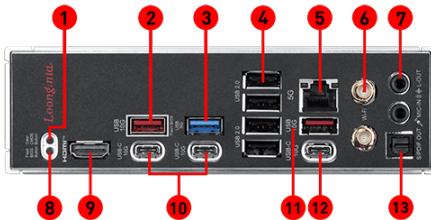
### Audio Boost 5

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

## SPECIFICATIONS

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

## 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 |                       |