



## FEATURES



### Extreme DDR5 Memory OC

The top-notch R&D design and exclusive 2 DIMM solution for an even clearer DDR5 memory signal to deliver the world class memory performance.



### EZ Dashboard

Consolidate power, reset, clear CMOS buttons, and debug LED into one accessory card, streamlining the reboot and testing process for overclocking.



### OC Engine

With the clock generator, the OC Engine technology releases the maximum power of CPU.



### 64MB BIOS

A larger BIOS ROM capacity allows the motherboard to support next-level CPU upgrades with better compatibility.



### 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.



### 5G Network Solution

Featuring premium 5G LAN to deliver better network experience.



### Lightning Gen 5

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



### Quadruple M.2 Connectors

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



### Extended Heatsink Design

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



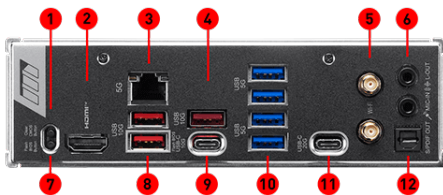
### Audio Boost 5

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

## SPECIFICATIONS

Model Name	B850MPOWER
CPU Support	Supports AMD Ryzen™ 9000 / 8000 / 7000 Series Desktop Processors
CPU Socket	AMD Socket AM5
Chipset	AMD B850 Chipset
Expansion Slots	1 x PCIe 5.0 x16 slot, 1 x PCIe 4.0 x4 slot
Display Interface	Support 8K@60Hz as specified in HDMI™ 2.1 FRL - Requires Processor Graphics
Memory Support	2 DIMMs, Dual Channel DDR5 - 8400+MT/s (OC)
Storage	2 x M.2 Gen5 x4 128Gbps slots 1 x M.2 Gen4 x4 64Gbps slot 1 x M.2 Gen4 x2 32Gbps slot 2 x SATA 6Gbps ports
USB ports	1 x USB 20Gbps (1 Type-C) 5 x USB 10Gbps (3 Type-A + 2 Type-C) 6 x USB 5Gbps (6 Type-A) 4 x USB 2.0
LAN	Realtek® 5Gbps LAN
WIFI / BT	Wi-Fi 7 Solution, Bluetooth 5.4
Audio	8-Channel (7.1) USB High Performance Audio with Audio Boost 5

## CONNECTIONS



1. Clear CMOS Button
2. HDMI™ 2.1 Port
3. 5G LAN
4. USB 10Gbps (Type-A)
5. Wi-Fi / Bluetooth
6. HD Audio Connectors
7. Flash BIOS Button
8. USB 10Gbps (Type-A)
9. USB 10Gbps (Type-C)
10. USB 5Gbps (Type-A)
11. USB 20Gbps (Type-C)
12. Optical S/PDIF-Out