



SPECIFICATIONS

Model Name	MPG B850M EDGE TI MAX WIFI (Rev 2)
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
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 slots 2x M.2 Gen4 x4 64Gbps slots 2x SATA 6Gbps ports
USB ports	1x USB 20Gbps (1 Type-C) 7x USB 10Gbps (4 Type-A + 3 Type-C) 6x USB 5Gbps (6 Type-A) 4x 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



Latest DDR5 Memory

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



Lightning Gen 5

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



Audio Boost 5

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



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



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.



5G Network Solution

Featuring premium 5G LAN to deliver better network experience.



Extended Heatsink Design

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



Quadruple M.2 Connectors

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



OC Engine

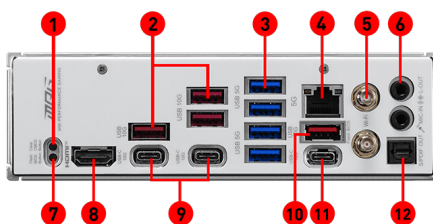
With the clock generator, the OC Engine technology releases the maximum power of CPU.



64MB BIOS

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

CONNECTIONS



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