



FEATURES



Lightning Gen 5

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



Wi-Fi 7

The latest wireless solution with a new 160MHz channel, achieving a maximum transmission speed of 2.9Gbps, which is 2.4 times faster than Wi-Fi 6/6E.



Latest DDR5 Memory

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



Frozr Heatsink Design

Designed with the patented fan and double ball bearings to provide best performance for enthusiast gamers and prosumers.



Dual M.2 Connectors

Onboard 2x M.2 Connectors with one PCIe 5.0 solution, strengthened by M.2 Shield Frozr.



Lightning USB 20G

Built-in USB 3.2 Gen 2x2 port, offers 20Gbps transmission speed, 4X faster than USB 3.2 Gen 1.



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.



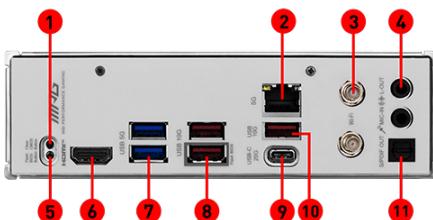
Audio Boost 5

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

SPECIFICATIONS

| | |
|-----------------------------|---|
| Model Name | MPG B850I EDGE TI WIFI |
| 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 4K@120Hz as specified in HDMI™ 2.1 FRL - Requires Processor Graphics |
| Memory Support | 2 DIMMs, Dual Channel DDR5 |
| Storage | 1x M.2 Gen5 x4 128Gbps slot 1x M.2 Gen4 x4 64Gbps slot 2x SATA 6Gbps ports |
| USB ports | 1x USB 20Gbps (1 Type-C) 4x USB 10Gbps (1 Type-C + 3 Type-A) 4x USB 5Gbps (4 Type-A) 2x 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 |

CONNECTIONS



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