



## FEATURES



### Premium Thermal Design

Heavy plated mosfet heatsink with heat-pipe / high quality 7W/mK mosfet thermal pads / extra choke thermal pads / 3x onboard M.2 Shield Frozr



### 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 with three Lightning Gen 4 solution.



### Dual Thunderbolt™ 4 ports

Thunderbolt™ 4 brings Thunderbolt to USB-C at true 40 Gb/s speeds, 8K display support, Daisy-Chaining and Multi-Port Accessory Architecture.



### 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.



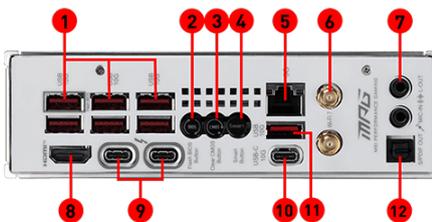
### Audio Boost 5

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

## SPECIFICATIONS

<b>Model Name</b>	MPG Z890I EDGE TI WIFI
<b>CPU Support</b>	Supports Intel® Core™ Ultra Processors (Series 2)
<b>CPU Socket</b>	LGA 1851
<b>Chipset</b>	Intel® Z890 Chipset
<b>Expansion Slot</b>	1x PCIe 5.0 x16 slot
<b>Display Interface</b>	2x Thunderbolt™ 4 (Type-C), Support 8K@60Hz as specified in HDMI™ 2.1 FRL Thunderbolt™ 4 (Type-C) - Requires Processor Graphics
<b>Memory Support</b>	2 DIMMs, Dual Channel DDR5 8600+ MT/s (OC)
<b>Storage</b>	1x M.2 Gen5 x4 128Gbps slot, 3x M.2 Gen4 x4 64Gbps slots (1 via 5-in-1 XPANDER Card) 2x SATA 6Gbps ports (via 5-in-1 XPANDER Card)
<b>Thunderbolt™ 4</b>	2x USB Type-C up to 40Gbps, Charging support up to 5V/3A, 15W
<b>USB ports</b>	1x USB 3.2 Gen 20Gbps (1 Type-C, via 5-in-1 XPANDER Card) 8x USB 3.2 Gen 10Gbps (7 Type-A + 1 Type-C) 2x USB 3.2 Gen 5Gbps (2 Type-A, via 5-in-1 XPANDER Card) 2x USB 2.0
<b>LAN</b>	Intel® Killer™ E5000B 5G LAN
<b>Audio</b>	8-Channel (7.1) HD Audio with Audio Boost 5

## CONNECTIONS



- |                                  |                              |
|----------------------------------|------------------------------|
| 1. USB 10Gbps Type-A             | 2. Flash BIOS Button         |
| 3. Clear CMOS Button             | 4. Smart Button              |
| 5. 5G LAN Port                   | 6. Wi-Fi / Bluetooth Antenna |
| 7. HD Audio Connectors           | 8. HDMI™                     |
| 9. Thunderbolt 4 40Gbps (Type-C) | 10. USB 10Gbps Type-C        |
| 11. USB 10Gbps Type-A            | 12. Optical S/PDIF OUT       |