



## SPECIFICATIONS

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

## FEATURES



### Premium Thermal Design

Heavy plated MOSFET heatsink with heat-pipe / high quality 7W/mK MOSFET thermal pads / extra choke thermal pads / 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.



### Dual Thunderbolt™ 4 ports

Thunderbolt™ 4 brings Thunderbolt to USB-C at true 40 Gb/s speeds, 8K display support, Daisy-Chain, Multi-Port Accessory Architecture and USB 4.0 compliant.



### 5G Network Solution

Featuring premium 5G LAN to deliver better network experience.



### Wi-Fi 7

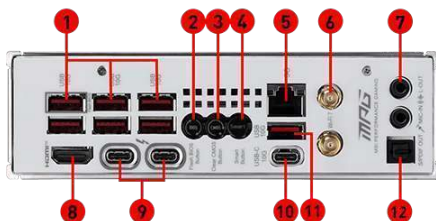
The latest wireless solution with a new 320MHz channel, achieving a maximum transmission speed of 5.8Gbps, which is 2.4 times faster than Wi-Fi 6/6E.



### Audio Boost 5

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

## 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