



## SPECIFICATIONS

<b>Model Name</b>	MPG Z890 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 1x PCIe 4.0 x16 slot 1x PCIe 4.0 x1 slot
<b>Display Interface</b>	2x Thunderbolt™ 4 (Type-C), Support 8K@60Hz as specified in HDMI™ 2.1 FRL - Requires Processor Graphics
<b>Memory Support</b>	4 DIMMs, Dual Channel DDR5 9200+ MT/s (OC)
<b>Storage</b>	1x M.2 Gen5 x4 128Gbps slot 4x M.2 Gen4 x4 64Gbps slots 4x SATA 6Gbps ports
<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 (Type-C) 5x USB 3.2 Gen 10Gbps (4 Type-A + 1 Type-C) 6x USB 3.2 Gen 5Gbps (6 Type-A) 5x USB 2.0
<b>LAN</b>	Intel® Killer™ E5000B 5G LAN
<b>WiFi / BT</b>	Intel® Killer™ BE1750x Wi-Fi 7, Bluetooth 5.4
<b>Audio</b>	8-Channel (7.1) HD Audio with Audio Boost 4

## FEATURES



### Premium Thermal Design

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



### 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



### 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.



### Quintuple M.2 Connectors

Onboard 5x M.2 connectors with one Lightning Gen 5 solution 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

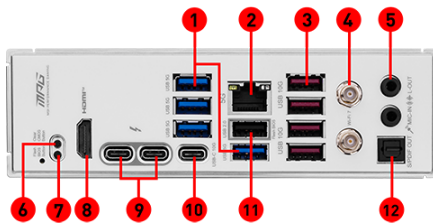
The latest wireless solution with a new 320MHz channel, achieving a maximum transmission speed of 5.8Gbps, which is 2.4 times faster than Wi-Fi 6E.



### Audio Boost 4

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

## CONNECTIONS



- |                                  |                              |
|----------------------------------|------------------------------|
| 1. USB 5Gbps Type-A              | 2. 5G LAN                    |
| 3. USB 10Gbps Type-A             | 4. Wi-Fi / Bluetooth Antenna |
| 5. HD Audio Connectors           | 6. Clear CMOS Button         |
| 7. Flash BIOS Button             | 8. HDMI™                     |
| 9. Thunderbolt 4 40Gbps (Type-C) | 10. USB 10Gbps Type-C        |
| 11. USB 2.0                      | 12. Optical S/PDIF OUT       |