



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), Support 8K@60Hz as specified in HDMI™ 2.1 FRL 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 (1 via 5-in-1 XPANDER Card) 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) 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 |
| 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

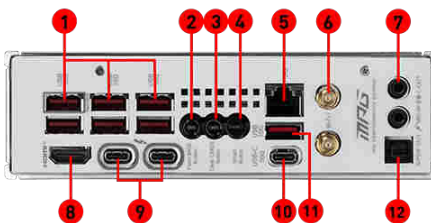
The latest wireless solution with a new 320MHz channel, achieving a maximum transmission speed of 5.8Gbps, which is 2.4 times faster than Wi-Fi 6/6E.



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 |