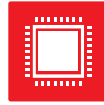


## FEATURES



### Direct 10+1+1 Phases with 105A SPS

Extreme direct power solution with 10+1+1 phases and 105A Smart Power Stage unleash the maximum CPU performance.



### Latest DDR5 Memory

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



### Lightning Gen 5

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



### Audio Boost 5

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



### Triple M.2 Connectors

Onboard 3x M.2 connectors with dual PCIe 4.0 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.



### 2.5G LAN

Onboard 2.5G LAN with LAN manager, delivering the best online gaming experience.



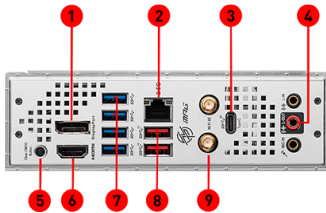
### Wi-Fi 6E

The latest wireless solution supports 6GHz spectrum, MU-MIMO and BSS color technology, delivering speeds up to 2400Mbps.

## SPECIFICATIONS

|                          |  |
|--------------------------|--|
| <b>Model Name</b>        | MPG Z790I EDGE WIFI  |
| <b>CPU Support</b>       | Supports 12 <sup>th</sup> / 13 <sup>th</sup> Gen Intel® Core™ Processors, Pentium® Gold and Celeron® Processors                          |
| <b>CPU Socket</b>        | LGA 1700   |
| <b>Chipset</b>           | Intel® Z790 Chipset  |
| <b>Expansion Slots</b>   | 1x PCIe 5.0 x16 slot   |
| <b>Display Interface</b> | Support 4K@60Hz as specified in HDMI™ 2.1, DisplayPort 1.4 – Requires Processor Graphics   |
| <b>Memory Support</b>    | 2 DIMMs, Dual Channel DDR5 8000+MHz (OC)   |
| <b>Storage</b>           | 2x M.2 Gen4 x4 64Gbps slots<br>1x M.2 Gen3 x4 32Gbps slots<br>4x SATA 6Gb/s ports  |
| <b>USB ports</b>         | 2x USB 3.2 Gen 2x2 20Gbps (2 Type-C)<br>2x USB 3.2 Gen 2 10Gbps (2 Type-A)<br>6x USB 3.2 Gen 1 5Gbps (6 Type-A)<br>2x USB 2.0 (2 Type-A) |
| <b>LAN</b>               | Intel® 2.5Gbps LAN   |
| <b>WiFi / BT</b>         | Intel® Wi-Fi 6E, Bluetooth 5.2   |
| <b>Audio</b>             | 8-Channel (7.1) HD Audio with Audio Boost 5  |

## CONNECTIONS



- |                                    |                                  |
|------------------------------------|----------------------------------|
| 1. Display Port                    | 2. 2.5G LAN                      |
| 3. USB 3.2 Gen 2x2 20Gbps (Type-C) | 4. Audio Connectors              |
| 5. Clear CMOS                      | 6. HDMI™                         |
| 7. USB 3.2 Gen 1 5Gbps (Type-A)    | 8. USB 3.2 Gen 2 10Gbps (Type-A) |
| 9. Wi-Fi / Bluetooth               |                                  |