



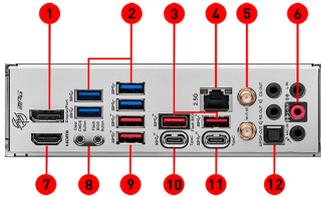
## SPECIFICATIONS

<b>Model Name</b>	MPG Z790 EDGE WIFI DDR4
<b>CPU Support</b>	Supports 12th / 13th Gen Intel® Core™ Processors, Pentium® Gold and Celeron® Processors
<b>CPU Socket</b>	LGA 1700
<b>Chipset</b>	Intel® Z790 Chipset
<b>Graphics Interface</b>	1x PCIe 5.0 x16 slot, 1x PCIe 4 x4 slot, 1x PCIe 3x1 slot
<b>Display Interface</b>	Support 4K@60Hz as specified in HDMI™ 2.1, DisplayPort 1.4 - Requires Processor Graphics
<b>Memory Support</b>	4 DIMMs, Dual Channel DDR4 5333+MHz (OC)
<b>Storage</b>	5x M.2 Gen4 x4 64Gbps slots, 7x SATA 6Gb/s ports
<b>USB ports</b>	1x USB 3.2 Gen 2x2 20Gbps (1 Type-C) 6x USB 3.2 Gen 2 10Gbps (2 Type-C + 4 Type-A) 6x USB 3.2 Gen 1 5Gbps (6 Type-A) 4x USB 2.0 (Type-A)
<b>LAN</b>	Intel® 2.5Gbps LAN
<b>Wireless / Bluetooth</b>	Intel® Wi-Fi 6E, Bluetooth 5.3
<b>Audio</b>	8-Channel (7.1) HD Audio with Audio Boost 5

## FEATURES

- Lightning Gen 5**  
 The latest PCIe 5.0 solution with up to 128GB/s bandwidth for maximum transfer speed.
- 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
- Memory Boost**  
 Advanced technology to deliver pure data signals for the best performance, stability and compatibility.
- Core Boost**  
 With premium layout and fully digital power design to support more cores and provide better performance.
- 2.5G Network Solution**  
 Featuring premium 2.5G LAN with LAN manager to deliver better network experience.
- Lightning USB 20G**  
 Built-in USB 3.2 Gen 2x2 port, offers 20Gbps transmission speed, 4X faster than USB 3.2 Gen 1.
- Audio Boost 5**  
 Isolated audio with a high quality audio processor for the most immersive gaming experience
- Wi-Fi 6E**  
 The latest wireless solution supports 6GHz spectrum, MU-MIMO and BSS color technology, delivering speeds up to 2400Mbps.
- Screwless M.2 Shield Frozr**  
 The patent-pending design provides the easiest way of M.2 installation. Install or uninstall your M.2 and Shield Frozr without tools and screws.

## CONNECTIONS



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