



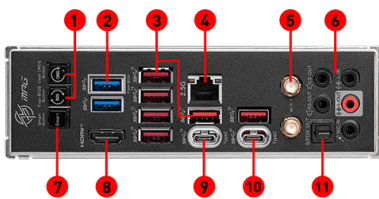
SPECIFICATIONS

Model Name	MPG Z790 CARBON WIFI II
CPU Support	Support Intel® Core™ 14th/ 13th/ 12th Gen Processors, Intel® Pentium® Gold and Celeron® Processors
CPU Socket	LGA 1700
Chipset	Intel® Z790 Chipset
Expansion Slot	1x PCIe 5.0x16 slot, 1x PCIe 4.0 x16 slot, 1x PCIe 3.0 x1 slot
Display Interface	Support 4K@60Hz as specified in HDMI™ 2.1 - Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR5-7800+MHz (OC)
Storage	1x M.2 Gen5 x4 128Gbps slot 4x M.2 Gen4 x4 64Gbps slots 6x SATA 6Gb/s ports
USB ports	2x USB 20Gbps (2 Type-C) 7x USB 10Gbps (1 Type-C + 6 Type-A) 4x USB 5Gbps (4 Type-A) 4x USB 2.0 Type-A
LAN	Intel® 2.5Gbps LAN
Wireless / Bluetooth	Wi-Fi 7 Solution, Bluetooth 5.4
Audio	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 / 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 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
- 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.
- Latest DDR5 Memory**
 A huge step of DDR performance enhancement with the latest DDR5 memory and MSI Memory Boost technology.
- 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.
- Wi-Fi 7**
 The latest wireless solution with a new 160MHz channel, achieving a maximum transmission speed of 2.9Gbps, which is 2.4 times faster than Wi-Fi 6/6E.

CONNECTIONS



1. Clear CMOS Button/ Flash BIOS
2. USB 5Gbps Type-A
3. USB 10Gbps Type-A
4. 2.5G LAN Port
5. Wi-Fi / Bluetooth Antenna
6. HD Audio Connectors
7. Smart Button
8. HDMI™ 2.1 Port
9. USB 10Gbps Type-C
10. USB 20Gbps Type-C
11. Optical S/PDIF OUT