MOTHERBOARD

MPG Z790 EDGE WIFI

GAME IN STYLE



SPECIFICATIONS

Model Name	MPG Z790 EDGE WIFI
CPU Support	Supports 12th / 13th Gen Intel® Core™ Processors, Pentium® Gold and Celeron® Processors
CPU Socket	LGA 1700
Chipset	Intel® Z790 Chipset
Graphics Interface	1x PCIe 5.0 x16 slot, 1x PCIe 4.0 x16 slot, 1x PCIe 3.0 x1 slot
Display Interface	Support 4K@60Hz as specified in HDMI™ 2.1, DisplayPort 1.4 – Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR5 7200+MHz (OC)
Storage	5x M.2 PCIe 4.0 x4 slots 7x SATA 6Gbps ports
USB ports	1x USB 3.2 Gen 2x2 20G (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 (4 Type-A)
LAN	Intel® 2.5Gbps LAN
Wireless / Bluetooth	Intel® Wi-Fi 6E, Bluetooth 5.3
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 / 3x onboard M.2 Shield Frozr

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.

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.

Wi-Fi 6E

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

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

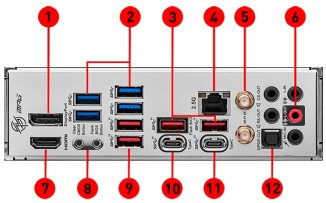
Core Boost

With premium layout and fully digital power design to support more cores and provide better performance.

Memory Boost

Advanced technology to deliver pure data signals for the best performance, stability and compatibility.

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

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