



## FEATURES



### Latest DDR5 Memory

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



### Lightning Gen4 Solution

The latest Gen4 PCI-E and M.2 solution with up to 64GB/s bandwidth for maximum transfer speed.



### Triple M.2 Connectors

Onboard 3x M.2 connectors with PCIe 4.0 solution, strengthened by M.2 Shield Frozr.



### 2.5G Plus Gigabit LAN

Onboard 2.5G plus Gigabits LAN deliver the better online network experience without lag.



### Wi-Fi 6E

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



### Extended Heatsink Design

MSI extended PWM heatsink and enhanced circuit design ensures even high-end processors to run in full speed.



### M.2 Shield FROZR

Strengthened built-in M.2 thermal solution. Keeps M.2 SSDs safe while preventing throttling, making them run faster.



### Lightning USB 20G

Built-in USB 3.2 Gen 2x2 port, offers 20Gbps transmission speed, 4X faster than USB 3.2 Gen 1.



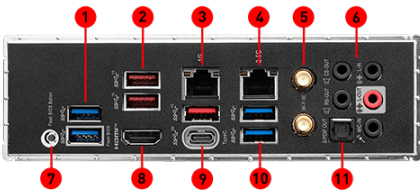
### Audio Boost

Reward your ears with studio grade sound quality for the most immersive audio experience.

## SPECIFICATIONS

<b>Model Name</b>	Z790 GAMING PRO WIFI
<b>CPU Support</b>	Support Intel® Core™ 14th/ 13th/ 12th Gen Processors, Intel® Pentium® Gold and Celeron® Processors
<b>CPU Socket</b>	LGA 1700
<b>Chipset</b>	Intel® Z790 Chipset
<b>Expansion Slots</b>	3x PCIe 4.0 x16 slots, 2x PCIe 3.0 x1 slots
<b>Display Interface</b>	Support 4K@30Hz as specified in HDMI™ 1.4 - Requires Processor Graphics
<b>Memory Support</b>	4 DIMMs, Dual Channel DDR5-7200+MHz (OC)
<b>Storage</b>	3x M.2 Gen 4 x4 64Gbps slots, 4x SATA 6Gbps ports
<b>USB ports</b>	1x USB 3.2 Gen 2x2 20Gbps (1 Type-C), 4x USB 3.2 Gen 2 10Gbps (3 Type-A + 1 Type-C), 8x USB 3.2 Gen 1 5Gbps (8 Type-A), 4x USB 2.0
<b>LAN</b>	Realtek® RTL8125BG 2.5Gbps + RTL8111H 1Gbps LAN
<b>Wi-Fi / Bluetooth</b>	Intel® Wi-Fi 6E module, Bluetooth 5.3
<b>Audio</b>	8-Channel (7.1) HD Audio with Audio Boost

## CONNECTIONS



1. USB 3.2 Gen 1 5Gbps (Type-A)
2. USB 3.2 Gen 2 10Gbps (Type-A)
3. 1G LAN
4. 2.5G LAN
5. Wi-Fi / Bluetooth
6. HD Audio Connectors
7. Flash BIOS Button
8. HDMI™ 1.4 Port
9. USB 3.2 Gen 2x2 20Gbps (Type-C)
10. USB 3.2 Gen 1 5Gbps (Type-A)
11. Optical S/PDIF-Out