SPECIFICATIONS

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

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.
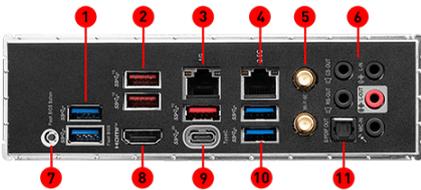
Audio Boost

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

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