

MOTHERBOARDS

# **Z790 GAMING PRO WIFI** WIN THE COMPETITION





# **SPECIFICATIONS**

Model Name	Z790 GAMING PRO WIFI
CPU Support	Support Intel <sup>®</sup> Core <sup>™</sup> 14th/ 13th/ 12th Gen Processors, Intel <sup>®</sup>
	Pentium <sup>®</sup> Gold and Celeron <sup>®</sup> Processors
CPU Socket	LGA 1700
Chipset	Intel <sup>®</sup> Z790 Chipset
Expansion Slots	3x PCIe 4.0 x16 slots, 2x PCIe 3.0 x1 slots
<b>Display Interface</b>	Support 4K@30Hz as specified in HDMI <sup>™</sup> 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 <sup>®</sup> RTL8125BG 2.5Gbps + RTL8111H 1Gbps LAN
Wi-Fi / Bluetooth	Intel <sup>®</sup> 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**

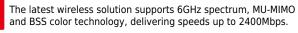
Onboard 3x M.2 connectors with PCIe 4.0 solution, strengthened by M.2 Shield Frozr.

## 2.5G Plus Gigabit LAN



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

### Wi-Fi 6E





## **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



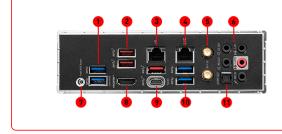
AUDIC 80051

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