

MOTHERBOARD

PRO Z790-P WIFI BUSINESS ELEGANCE





SPECIFICATIONS

Model Name	PRO Z790-P WIFI		
CPU Support	Supports 12 th / 13 th Gen Intel [®] Core [™] Processors, Pentium [®]		
	Gold and Celeron [®] Processors		
CPU Socket	LGA 1700		
Chipset	Intel [®] Z790 Chipset		
Expansion Slots	1x PCle 5.0 x16 slot		
	1x PCle 4.0 x16 slot		
	2x PCle 3.0 x1 slots		
Display Interface	Support 4K@60Hz as specified in HDMI [™] 2.1, DisplayPort 1.4		
	 Requires Processor Graphics 		
Memory Support	4 DIMMs, Dual Channel DDR5 7000+MHz (OC)		
Storage	4x M.2 Gen4 x4 64Gbps slots,		
	6x SATA 6Gbps ports		
USB ports	1x USB 3.2 Gen 2x2 20G (1 Type-C),		
	2x USB 3.2 Gen 2 10Gbps (1 Type-A + 1 Type-C),		
	6x USB 3.2 Gen 1 5Gbps (6 Type-A),		
	8x USB 2.0		
LAN	Intel [®] 2.5G LAN		
WiFi / BT	Intel [®] Wi-Fi 6E, Bluetooth 5.3		
Audio	8-Channel (7.1) HD Audio with Audio Boost		

FEATURES



Lightning Gen 5



The latest PCIe 5.0 solution with up to 128GB/s bandwidth for maximum transfer speed.

Latest DDR5 Memory





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

Lightning USB 20G

Wi-Fi 6E



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

MSI extended PWM heatsink and enhanced circuit design ensures

Extended Heatsink Design



M.2 Shield FROZR

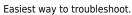
Strengthened built-in M.2 thermal solution. Keeps M.2 SSDs safe while preventing throttling, making them run faster.



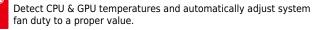
Featuring premium 2.5G LAN to deliver better network experience.

even high-end processors to run in full speed.

EZ Debug LED



Frozr AI Cooling

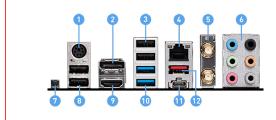


Core Boost



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

CONNECTIONS



1. Keyboard	Ι	Mouse
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- 3. USB 2.0
- 5. Wi-Fi / Bluetooth
- 7. Flash BIOS Button
- 9. HDMI™
- 11. USB 3.2 Gen 2x2 20Gbps Type-C 12. USB 3.2 Gen 2 10Gbps Type-A
- 2. DisplayPort
- 4. 2.5G LAN
- 6. Audio Connectors
- 8. USB 2.0
- 10. USB 3.2 Gen 1 5Gbps Type-A



