# PRO Z890-P WIFI

BUSINESS FLEGANCE









## **SPECIFICATIONS**

Model Name	PRO Z890-P WIFI
CPU Support	Support Intel® Core™ Ultra Processors (Series 2)
CPU Socket	LGA 1851
Chipset	Intel® Z890 Chipset
Expansion Slots	1x PCle 5.0 x16 slot
	2x PCle 4.0 x16 slots
	1x PCle 4.0 x1 slot
Display Interface	1 x Thunderbolt™ 4 (Type-C),
	Support 4K@60Hz as specified in HDMI™ 2.1,
	DisplayPort 1.4 - Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR5 - 9200+ MT/s (OC)
Storage	1x M.2 Gen5 x4 128Gbps slot,
	3x M.2 Gen4 x4 64Gbps slots,
	4x SATA 6Gbps ports
Thunderbolt™ 4	1 x USB Type-C up to 40Gbps,
	Charging support up to 5V/3A , 15W
USB ports	1x USB 20Gbps (1 Type-C),
	2x USB 10Gbps (1 Type-A + 1 Type-C),
	6x USB 5Gbps (6 Type-A)
	8x USB 2.0
LAN	Realtek® 8126 5G LAN
WiFi / BT	Intel <sup>®</sup> Wi-Fi 7, Bluetooth 5.4
Audio	8-Channel (7.1) HD Audio with Audio Boost

## **FEATURES**



#### Wi-Fi 7

The latest wireless solution with a new 320MHz channel, achieving a maximum transmission speed of 5.8Gbps, which is 2.4 times faster than Wi-Fi 6/6E.



### Thunderbolt™ port

Thunderbolt™ 4 brings Thunderbolt to USB-C at true 40 Gb/s speeds, 8K display support, Daisy-Chain, Multi-Port Accessory Architecture and USB 4.0 compliant.



## **5G Network Solution**

Featuring premium 5G LAN to deliver better network experience.



## EZ M.2 Shield Frozr II

The new tool-less design makes installing or removing your M.2 SSD and Shield Frozr much easier



#### **EZ PCIe Clip II**

Allows for easy removal of the graphics card by pressing the taillike lock with one finger, even in the cramped case spaces.



#### Latest DDR5 Memory

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



#### Lightning Gen 5

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



#### **Extended Heatsink Design**

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



## Pre-installed I/O Shielding

Better EMI protection and more convenience for installation



### Frozr Al Cooling

Detect CPU & GPU temperatures and automatically adjust system fan duty to a proper value.

## CONNECTIONS



- 1. DisplayPort
- 3. USB 2.0
- 5. Wi-Fi / Bluetooth
- 7. Flash BIOS Button
- 9. HDMI™
- 11. USB 5Gbps Type-A
- 13. USB 10Gbps Type-A

- 2. Mouse / Keyboard
- 4. 5G LAN
- 6. Audio Connectors
- 8. Thunderbolt™ 4 40Gbps (Type-C)
- 10. USB 2.0
- 12. USB 10Gbps Type-C