



SPECIFICATIONS

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|--------------------------|---|
| 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 PCIe 5.0 x16 slot 2x PCIe 4.0 x16 slots 1x PCIe 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® 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 tail-like 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

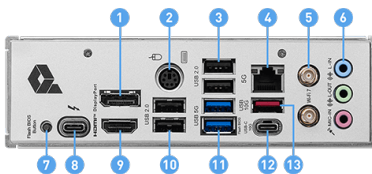
Better EMI protection and more convenience for installation



Frozr AI Cooling

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

CONNECTIONS



1. DisplayPort
2. Mouse / Keyboard
3. USB 2.0
4. 5G LAN
5. Wi-Fi / Bluetooth
6. Audio Connectors
7. Flash BIOS Button
8. Thunderbolt™ 4 40Gbps (Type-C)
9. HDMI™
10. USB 2.0
11. USB 5Gbps Type-A
12. USB 10Gbps Type-C
13. USB 10Gbps Type-A