



## SPECIFICATIONS

<b>Model Name</b>	PRO Z890-P WIFI6E
<b>CPU Support</b>	Support Intel® Core™ Ultra Processors (Series 2)
<b>CPU Socket</b>	LGA 1851
<b>Chipset</b>	Intel® Z890 Chipset
<b>Expansion Slots</b>	1x PCIe 5.0 x16 slot 2x PCIe 4.0 x4 slots 1x PCIe 4.0 x1 slot
<b>Display Interface</b>	Support 4K@60Hz as specified in HDMI™ 2.1, DisplayPort 1.4 - Requires Processor Graphics
<b>Memory Support</b>	4 DIMMs, Dual Channel DDR5 - 9200+ MT/s (OC)
<b>Storage</b>	1x M.2 Gen5 x4 128Gbps slot, 3x M.2 Gen4 x4 64Gbps slots, 4x SATA 6Gbps ports
<b>USB ports</b>	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
<b>LAN</b>	Realtek® 8126 5G LAN
<b>WiFi / BT</b>	Wi-Fi 6E solution, Bluetooth 5.3
<b>Audio</b>	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

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



### Wi-Fi 6E

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



### 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.



### 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

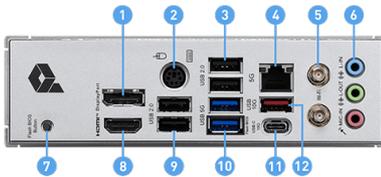
Better EMI protection and more convenience for installation



### 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. HDMI™              |
| 9. USB 2.0            | 10. USB 5Gbps Type-A  |
| 11. USB 10Gbps Type-C | 12. USB 10Gbps Type-A |