



## SPECIFICATIONS

<b>Model Name</b>	Z890 GAMING PLUS WIFI
<b>CPU Support</b>	Supports Intel® Core™ Ultra Processors (Series 2)
<b>CPU Socket</b>	LGA 1851
<b>Chipset</b>	Intel® Z890 Chipset
<b>Expansion Slots</b>	1 x PCIe 5.0 x16 slot, 2 x PCIe 4.0 x16 slots, 1 x PCIe 4.0 x1 slot
<b>Display Interface</b>	1x Thunderbolt™ 4 (Type-C), 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>Thunderbolt™ 4</b>	1 x USB Type-C up to 40Gbps, Charging support up to 5V/3A, 15W
<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>	Intel® Killer™ E5000B 5G LAN
<b>WiFi / BT</b>	Intel® Killer™ Wi-Fi 7 BE1750x, Bluetooth 5.4
<b>Audio</b>	8-Channel (7.1) HD Audio with Audio Boost

## FEATURES



### 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.



### 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.



### 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.



### Quadruple M.2 Connectors

Onboard quadruple M.2 connectors for the maximum storage performance.



### 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.



### 5G Network Solution

Featuring premium 5G LAN to deliver better network experience.



### Latest DDR5 Memory

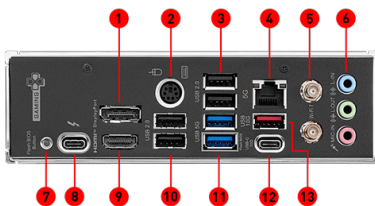
A huge step of DDR performance enhancement with the latest DDR5 memory and MSI Memory Boost technology.



### Audio Boost

Reward your ears with studio grade sound quality for the most immersive audio experience.

## CONNECTIONS



- |                         |                                  |
|-------------------------|----------------------------------|
| 1. Display Port         | 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) |                                  |