



## SPECIFICATIONS

<b>Model Name</b>	Z890 GAMING WIFI6E
<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>	1x PCIe 5.0 x16 slot, 2x PCIe 4.0 x4 slots, 1x PCIe 3.0 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 DDR5-8800+ MT/s (OC)
<b>Storage</b>	1x M.2 Gen5 x4 128Gbps slot, 2x M.2 Gen4 x4 64Gbps slots, 4x SATA 6Gbps ports
<b>USB ports</b>	2x USB 20Gbps (2 Type-C) 8x USB 5Gbps (8 Type-A) 4x USB 2.0
<b>LAN</b>	Realtek® 2.5G 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



### 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.



### Triple M.2 Connectors

Onboard 3x M.2 connectors with one PCIe 5.0 solution, strengthened by M.2 Shield Frozr.



### Lightning USB 20G

Supports USB 3.2 Gen 2x2 for ultra-fast data transfer speeds up to 20Gbps via the reversible Type-C connector, enabling rapid transfers and seamless connectivity.



### Extended Heatsink Design

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



### Frozr AI Cooling

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



### 2.5G Network Solution

Featuring premium 2.5G LAN to deliver better network experience.



### Wi-Fi 6E

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



### Latest DDR5 Memory

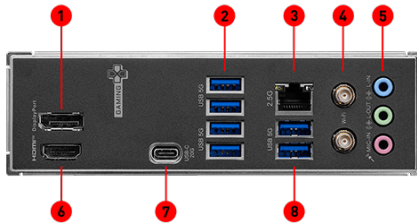
A huge step of DDR performance enhancement with the latest DDR5 memory and MSI Memory Boost technology.



### Audio Boost

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

## CONNECTIONS



- |                     |                      |
|---------------------|----------------------|
| 1. Display Port     | 2. USB 5G (Type-A)   |
| 3. 2.5G LAN         | 4. Wi-Fi / Bluetooth |
| 5. Audio Connectors | 6. HDMI™             |
| 7. USB 20G (Type-C) | 8. USB 5G (Type-A)   |