



SPECIFICATIONS

Model Name	Z890 GAMING WIFI6E
CPU Support	Supports 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 x4 slots, 1x PCIe 3.0 x1 slot
Display Interface	Support 4K@60Hz as specified in HDMI™ 2.1, DisplayPort 1.4 - Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR5-8800+ MT/s (OC)
Storage	1x M.2 Gen5 x4 128Gbps slot, 2x M.2 Gen4 x4 64Gbps slots, 4x SATA 6Gbps ports
USB ports	2x USB 20Gbps (2 Type-C) 8x USB 5Gbps (8 Type-A) 4x USB 2.0
LAN	Realtek® 2.5G LAN
WiFi / BT	Wi-Fi 6E Solution, Bluetooth 5.3
Audio	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

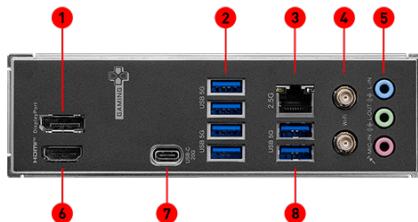
A huge step of DDR performance enhancement with the latest DDR5 memory and MSI Memory Boost technology.



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) |