MSI®

SPECIFICATIONS

Model Name	Z890 GAMING PLUS WIFI
CPU Support	Supports Intel® Core™ Ultra Processors (Series 2)
CPU Socket	LGA 1851
Chipset	Intel® Z890 Chipset
Expansion Slots	1 x PCIe 5.0 x16 slot, 2 x PCIe 4.0 x16 slots, 1 x PCIe 4.0 x1 slot
Display Interface	1x 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	Intel® Killer™ E5000B 5G LAN
WiFi / BT	Intel® Killer™ Wi-Fi 7 BE1750x, Bluetooth 5.4
Audio	8-Channel (7.1) HD Audio with Audio Boost

FEATURES

Thunderbolt™ 4 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

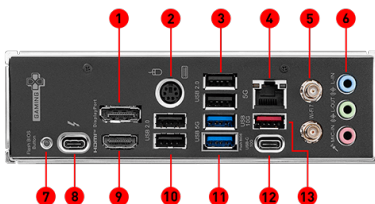Featuring premium 5G LAN to deliver better network experience.

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)