



## SPECIFICATIONS

|                             |                                                                                                                                       |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>Model Name</b>           | MAG X870E GAMING PLUS MAX WIFI                                                                                                        |
| <b>CPU Support</b>          | Supports AMD Ryzen™ 9000 / 8000 / 7000 Series Desktop Processors                                                                      |
| <b>CPU Socket</b>           | AMD Socket AM5                                                                                                                        |
| <b>Chipset</b>              | AMD X870E Chipset                                                                                                                     |
| <b>Expansion slot</b>       | 1x PCIe 5.0 x16 slot, 1x PCIe 4.0 x4 slot, 2x PCIe 3.0 x1 slots                                                                       |
| <b>Display Interface</b>    | Support 4K@60Hz as specified in HDMI™ 2.1 TMDS, 1x USB4 port support USB Type-C display outputs - Requires Processor Graphics         |
| <b>Memory Support</b>       | 4 DIMMs, Dual Channel DDR5-8200+ MT/s (OC)                                                                                            |
| <b>Storage</b>              | 1x M.2 Gen5 x4 128Gbps slot<br>2x M.2 Gen4 x4 64Gbps slots<br>4x SATA 6Gbps ports                                                     |
| <b>USB ports</b>            | 1x USB 40Gbps (1 Type-C)<br>1x USB 20Gbps (1 Type-C)<br>3x USB 10Gbps (2 Type-A + 1 Type-C)<br>6x USB 5Gbps (6 Type-A)<br>10x USB 2.0 |
| <b>LAN</b>                  | Realtek® 5G LAN                                                                                                                       |
| <b>Wireless / Bluetooth</b> | Wi-Fi 7 Solution, Bluetooth 5.4                                                                                                       |
| <b>Audio</b>                | 8-Channel (7.1) HD Audio with Audio Boost                                                                                             |

## FEATURES



### 64MB BIOS

A larger BIOS ROM capacity allows the motherboard to support next-level CPU upgrades with better compatibility.



### OC Engine

With the clock generator, the OC Engine technology releases the maximum power of CPU.



### EZ PCIe Release

A simple press of a button to effortlessly lock or unlock the PCIe slot, simplifying the installation and removal of the graphics card.



### EZ M.2 Shield Frozr II

The new tool-less design makes installing or removing your M.2 SSD and Shield Frozr much easier



### 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.



### Extended Heatsink Design

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



### 5G Network Solution

Featuring premium 5G LAN to deliver better network experience.



### Wi-Fi 7

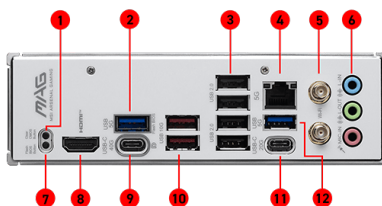
The latest wireless solution with a new 320MHz channel, achieving a maximum transmission speed of 5.8Gbps, which is 2.4 times faster than Wi-Fi 6/6E.



### Audio Boost

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

## CONNECTIONS



1. Clear CMOS Button
2. USB 5Gbps (Type-A)
3. USB 2.0
4. 5G LAN
5. Wi-Fi / Bluetooth
6. Audio Connectors
7. Flash BIOS Button
8. HDMI™
9. USB 40Gbps (Type-C)
10. USB 10Gbps (Type-A)
11. USB 20Gbps (Type-C)
12. USB 5Gbps (Type-A)