



FEATURES



5G Network Solution

Featuring premium 5G LAN to deliver better network experience.



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.



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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.



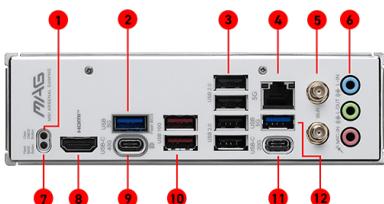
Audio Boost

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

SPECIFICATIONS

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

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)