



SPECIFICATIONS

Model Name	MPG X870E EDGE WIFI
CPU Support	Supports AMD Ryzen™ 9000 / 8000 / 7000 Series Desktop Processors
CPU Socket	AMD Socket AM5
Chipset	AMD X870E Chipset
Expansion slots	1x PCIe 5.0 x16 slot, 1x PCIe 4.0 x16 slot, 1x PCIe 3.0 x1 slot
Display Interface	Support 8K@60Hz as specified in HDMI™ 2.1 FRL 2x USB4 ports support USB Type-C display outputs - Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR5 - 8400+MT/s (OC)
Storage	2x M.2 Gen5 x4 128Gbps slot 2x M.2 Gen4 x4 64Gbps slots 4x SATA 6Gbps ports
USB ports	2x USB 40Gbps (2 Type-C), 1x USB 20Gbps (1 Type-C), 6x USB 10Gbps (1 Type-C + 5 Type-A), 4x USB 5Gbps (4 Type-A), 8x USB 2.0 Type-A
LAN	Realtek® 5Gbps LAN
Wireless / Bluetooth	Wi-Fi 7 Solution, Bluetooth 5.4
Audio	8-Channel (7.1) HD Audio with Audio Boost 5

FEATURES



Premium Thermal Design

Heavy plated MOSFET heatsink with heat-pipe / high quality 7W/mK MOSFET thermal pads / extra choke thermal pads / onboard M.2 Shield Frozr



Wi-Fi 7

The latest wireless solution with a new 160MHz channel, achieving a maximum transmission speed of 2.9Gbps, which is 2.4 times faster than Wi-Fi 6/E.



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.



Latest DDR5 Memory

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



Quadruple M.2 Connectors

Onboard quadruple M.2 connectors for the maximum storage performance.



Lightning USB 40G

Featuring a built-in USB 4 port, it offers a lightning-fast 40Gbps transmission speed.



5G Network Solution

Featuring premium 5G LAN to deliver better network experience.



Wi-Fi 7

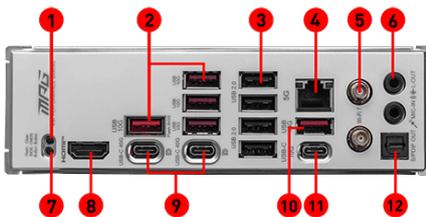
The latest wireless solution with a new 320MHz channel, achieving a maximum transmission speed of 5.8Gbps, which is 2.4 times faster than Wi-Fi 6/E.



Audio Boost 5

Isolated audio with a high quality audio processor for the most immersive gaming experience

CONNECTIONS



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