



## SPECIFICATIONS

<b>Model Name</b>	MPG X870E CARBON 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 slots</b>	1x PCIe 5.0 x16 slot 1x PCIe 5.0 x8 slot 1x PCIe 4.0 x4 slot
<b>Display Interface</b>	Support 8K@60Hz as specified in HDMI™ 2.1 FRL, 2x USB4 ports support USB Type-C display outputs - Requires Processor Graphics
<b>Memory Support</b>	4 DIMMs, Dual Channel DDR5 8400+ MT/s(OC)
<b>Storage</b>	2x M.2 Gen5 x4 128Gbps slots 2x M.2 Gen4 x4 64Gbps slots 4x SATA 6Gbps ports
<b>USB ports</b>	2x USB 40Gbps (2 Type-C) 1x USB 20Gbps (1 Type-C) 11x USB 10Gbps (2 Type-C + 9 Type-A) 4x USB 5Gbps (4 Type-A) 4x USB 2.0 Type-A
<b>LAN</b>	Realtek® 5Gbps LAN Realtek® 2.5Gbps LAN
<b>Wireless / Bluetooth</b>	Wi-Fi 7 Solution, Bluetooth 5.4
<b>Audio</b>	8-Channel (7.1) HD Audio with Audio Boost 5

## FEATURES



### OC Engine

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



### 64MB BIOS

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



### 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



### 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.



### 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.



### Dual LAN

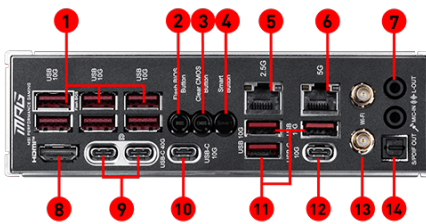
Dual premium network solution for both Intranet and Internet, offering a smooth gaming experience for effective network connection



### 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.

## CONNECTIONS



- |                               |                        |
|-------------------------------|------------------------|
| 1. USB 10Gbps Type-A          | 2. Flash BIOS Button   |
| 3. Clear CMOS Button          | 4. Smart Button        |
| 5. 2.5G LAN Port              | 6. 5G LAN Port         |
| 7. HD Audio Connectors        | 8. HDMI™               |
| 9. USB 40Gbps Type-C          | 10. USB 10Gbps Type-C  |
| 11. USB 10Gbps Type-A         | 12. USB 10Gbps Type-C  |
| 13. Wi-Fi / Bluetooth Antenna | 14. Optical S/PDIF OUT |