# **MPG X870E CARBON WIFI**

GAME IN STYLE



# **SPECIFICATIONS**

Model Name	MPG X870E CARBON WIFI
CPU Support	Supports AMD Ryzen™ 9000 / 8000 / 7000 Series Desktop
	Processors
CPU Socket	AMD Socket AM5
Chipset	AMD X870E Chipset
Expansion slots	2x PCle 5.0 x16 slots
	1x PCle 4.0 x16 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 slots
	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)
	11x USB 10Gbps (2 Type-C + 9 Type-A)
	4x USB 5Gbps (4 Type-A)
	4x USB 2.0 Type-A
LAN	Realtek® 5Gbps LAN
	Realtek® 2.5Gbps LAN
Wireless /	Wi-Fi 7 Solution, Bluetooth 5.4
Bluetooth	
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



#### **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 PCle 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.



## **Dual LAN**

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



## Wi-Fi 7

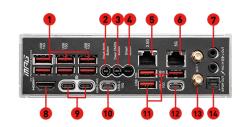
The latest wireless solution with a new 320MHz channel, achieving a maximum transmission speed of 5.8Gbps, which is 2.4 times faster than Wi-Fi 6/6E.



## **Audio Boost 5**

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

# **CONNECTIONS**



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