PLACAS MADRE

MPG X870E CARBON MAX WIFI

STRONG PERFORMANCE, SLEEK DESIGN

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.

SPECIFICATIONS

Model Name	MPG X870E CARBON MAX 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 5.0 x8 slot 1x PCIe 4.0 x4 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 / Bluetooth	Wi-Fi 7 Solution, Bluetooth 5.4
Audio	8-Channel (7.1) HD Audio with Audio Boost 5

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

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