



SPECIFICATIONS

| | |
|--------------------------|--|
| Model Name | MEG X870E ACE MAX |
| 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 5.0 x4 slot |
| Display Interface | 2 x USB4 ports support USB Type-C display output, Support 8K@60Hz as specified in HDMI™ 2.1 FRL, - Requires Processor Graphics |
| Memory Support | 4 DIMMs, Dual Channel DDR5 - 8400+MT/s (OC) |
| Storage | 2 x M.2 Gen5 x4 128Gbps slots, 3 x M.2 Gen4 x4 64Gbps slots, 4 x SATA 6Gbps ports |
| USB ports | 2 x USB 40Gbps (2 Type-C), 1 x USB 20Gbps (1 Type-C), 11 x USB 10Gbps (9 Type-A + 2 Type-C), 4 x USB 5Gbps (4 Type-A), 4 x USB 2.0 |
| LAN | 1 x Marvell® AQC 10Gbps LAN, 1 x Realtek® 5Gbps LAN |
| WIFI / BT | Wi-Fi 7 Solution, Bluetooth 5.4 |
| Audio | 8-Channel (7.1) USB High Performance Audio with Audio Boost 5 HD |

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.



Ultra Power +

The ultimate power solution with 18+2+1 DRPS, 110A SPS, and OC Engine unleashes maximum CPU performance.



Frozr Design

Wavy Fin Design, Direct Touch Cross Heat-pipe, Aluminum Cover, Double-sided M.2 Shield Frozr, Metal Backplate and Frozr AI software ensure the utmost performance with low temp.



10G Super LAN + 5G LAN

Onboard 10G plus 5G LAN provide the next level network speed, secure networking with the fastest data throughput to deliver the best online gaming 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 6E.



Lightning USB 40G

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



Lightning Gen 5

The latest PCIe 5.0 solution with up to 128GB/s bandwidth for maximum transfer speed.



Quintuple M.2 Connectors

Onboard 5x M.2 connectors with dual Lightning Gen 5 solution for the maximum storage performance.



EZ PCIe Release

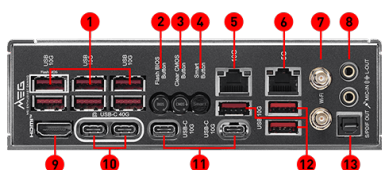
A simple press of a button to effortlessly lock or unlock the PCIe slot, simplifying the installation and removal of the graphics card.



Audio Boost 5 HD

Ultimate audio solution with premium audio processor combining ESS audio DAC and amplifier deliver the breathtaking experience.

CONNECTIONS



1. USB 10Gbps (Type-A)
2. Flash BIOS Button
3. Clear CMOS Button
4. Smart Button
5. 10G LAN
6. 5G LAN
7. Wi-Fi / Bluetooth
8. HD Audio Connectors
9. HDMI™ 2.1 Port
10. USB 40Gbps (Type-C)
11. USB 10Gbps (Type-C)
12. USB 10Gbps (Type-A)
13. Optical S/PDIF-Out