MOTHERBOARD

MEG X870E ACE MAX

ASCENDANT CRAFTED EXCELLENCE



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 - 9000+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 6/6E.

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.

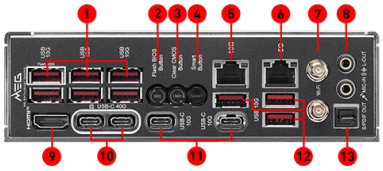
EZ PCIe Release

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

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