SPECIFICATIONS

Model Name	MEG X670E ACE
CPU Support	Supports AMD Ryzen™ 9000 / 8000 / 7000 Series Desktop Processors
CPU Socket	Socket AM5
Chipset	AMD X670 Chipset
Expansion Slots	3x PCIe 5.0 x16 slots
Display Interface	1x Type-C Display port – Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR5 8000+MHz (OC)
Storage	1x M.2 Gen5 x4 128Gbps slot 3x M.2 Gen4 x4 64Gbps slots 6x SATA 6Gbps ports
USB ports	3x USB 3.2 Gen 2x2 20Gbps (3 Type-C) 10x USB 3.2 Gen 2 10Gbps (8 Type-A + 2 Type-C) 4x USB 3.2 Gen 1 5Gbps (4 Type-A) 4x USB 2.0
LAN	Marvell AQC113CS-B1-C 10G LAN
WiFi / BT	AMD Wi-Fi 6E, Bluetooth 5.2
Audio	8-Channel (7.1) HD Audio with Audio Boost 5 HD

FEATURES
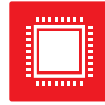
22+2+1 Phases Power Design

The ultimate power solution with DRPS and 90A Power Stage unleashes the maximum CPU performance.

Premium Thermal Solution

Stacked Fin Array, Direct Touch Heat-pipe, MOSFET Baseplate, double-sided M.2 Shield Frozr, and Frozr AI software ensure the extreme performance with low temperature.

Lightning Gen 5

The latest PCIe 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 4x M.2 connectors with one Lightning Gen 5 solution for the maximum storage performance.

Magnetic M.2 Shield Frozr

This patent magnetic design enables true "wire-less" RGB function, enhances the installation process and maximizes the storage performance.

M.2 XPANDER-Z GEN 5 DUAL

Exclusive accessory card offers two extra PCIe 5.0 M.2 slots with smart fan cooling solution to increase your storage capacity at maximum speed.

10G Super LAN

Onboard 10Gbps LAN provides the next level network speed, secure networking with the fastest data throughput to deliver the best online gaming experience.
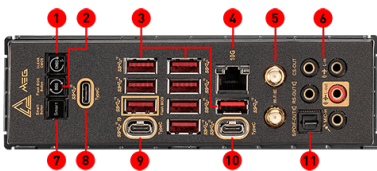
Wi-Fi 6E

The latest wireless solution supports 6GHz spectrum, MU-MIMO and BSS color technology, delivering speeds up to 2400Mbps.

8 Layer PCB with 2oz Thickened Copper

An Enhanced PCB design provides higher performance and long-lasting system stability without any compromise.

CONNECTIONS

1. Clear CMOS Button
2. Flash BIOS Button
3. USB 3.2 Gen 2 10Gbps (Type-A)
4. 10G Super LAN
5. Wi-Fi / Bluetooth
6. HD Audio Connectors
7. Smart Button
8. USB 3.2 Gen 2x2 20Gbps (Type-C)
9. USB 3.2 Gen 2 10Gbps (Type-C Display port)
10. USB 3.2 Gen 2x2 20Gbps (Type-C)
11. Optical S/PDIF-Out