



## SPECIFICATIONS

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

## FEATURES



### 10G Super LAN + 2.5G LAN

Onboard 10Gbps LAN plus 2.5G LAN provides the next level network speed, secure networking with the fastest data throughput to deliver the best online gaming experience.



### 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

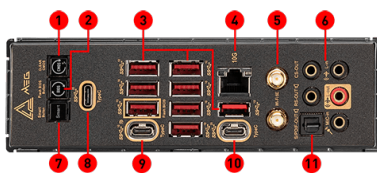
The latest wireless solution supports 6GHz spectrum, MU-MIMO and BSS color technology, delivering speeds up to 2400Mbps.



### 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)
10. USB 3.2 Gen 2x2 20Gbps (Type-C)
11. Optical S/PDIF-Out