



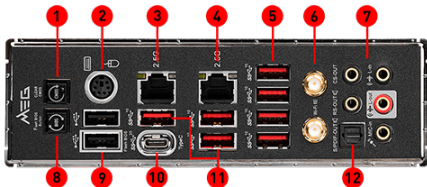
## SPECIFICATIONS

<b>Model Name</b>	MEG Z690 UNIFY-X
<b>CPU Support</b>	Supports 12th Gen Intel® Core™ Processors, Pentium® Gold and Celeron® Processors
<b>CPU Socket</b>	LGA 1700
<b>Chipset</b>	Intel® Z690 Chipset
<b>Graphics Interface</b>	2x PCIe 5.0 x16 slots 1x PCIe 3.0 x4 slot Support NVIDIA® SLI™ / AMD® CrossFire™ Technology
<b>Memory Support</b>	2 DIMMs, Dual Channel DDR5-6800+MHz(OC)
<b>Storage</b>	4x M.2 Gen4 x4 64Gbps slots, 1x M.2 Gen3 x4 32Gbps slot, 6x SATA 6Gb/s ports
<b>USB ports</b>	2x USB 3.2 Gen 2x2 20Gbps (2 Type-C), 7x USB 3.2 Gen 2 10Gbps (7 Type-A), 4x USB 3.2 Gen 1 5Gbps (4 Type-A), 6x USB 2.0
<b>LAN</b>	2x Intel® I225-V 2.5G LAN
<b>Wireless / Bluetooth</b>	Intel® Wi-Fi 6E module, Bluetooth 5.2
<b>Audio</b>	8-Channel (7.1) HD Audio with Audio Boost 5

## FEATURES

- Extreme DDR5 Memory OC**  
 The top-notch R&D design and exclusive 2 DIMM solution for an even clearer DDR5 memory signal to deliver the world class memory performance.
- Direct 19+2 Phases Power Design**  
 Extreme direct power solution with 19+2 phases and 105A Smart Power Stage unleash the maximum CPU performance.
- 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 quad PCIe 4.0 solution, strengthened by double-sided M.2 Shield Frozr.
- Outstanding Cooling Solution**  
 Aluminum Cover, VRM Heat-pipe, 7W/mK thermal pads, Double-sided M.2 Shield Frozr and Aluminum Backplate ensure the extreme performance with low temp.
- Front and Rear Lightning USB 20G**  
 USB 3.2 Gen 2x2 port offers 20Gbps transmission speed, 4x faster than USB 3.2 Gen 1, available when connecting the front and rear USB Type-C.
- Dual 2.5G LAN**  
 Onboard dual 2.5Gbps LAN with LAN manager provides incredible data transfer speed faster than general Gigabit LAN, delivering the best online gaming experience.
- SMT PCIE and Memory Slot**  
 The advanced SMT(Surface Mount Technology) welding process reduces the defect rate of slot solder joints, deliver the clean and pure signal.
- 8 Layer PCB with 2oz Thickened Copper**  
 An Enhanced PCB design provides higher performance and long-lasting system stability without any compromise.
- Wi-Fi 6E**  
 The latest wireless solution supports 6GHz spectrum, MU-MIMO and BSS color technology, delivering speeds up to 2400Mbps.

## CONNECTIONS



1. Clear CMOS Button
2. PS/2 Keyboard / Mouse Port
3. 2.5G LAN
4. 2.5G LAN
5. USB 3.2 Gen 2 10Gbps (Type-A)
6. Wi-Fi / Bluetooth
7. HD Audio Connectors
8. Flash BIOS Button
9. USB 2.0
10. USB 3.2 Gen 2x2 20Gbps (Type-C)
11. USB 3.2 Gen 2 10Gbps (Type-A)
12. Optical S/PDIF-Out