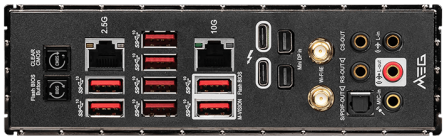
MOTHERBOARD

MEG Z690 GODLIKE

ONE BOARD TO RULE THEM ALL



SPECIFICATIONS

Model Name	MEG Z690 GODLIKE
CPU Support	Supports 12th/ 13th Gen Intel® Core™ Processors, Pentium® Gold and Celeron® Processors
CPU Socket	LGA 1700
Chipset	Intel® Z690 Chipset
Graphics Interface	2x PCIe 5.0 x16 slots, 1x PCIe 4.0 x16 slot, Support NVIDIA® SLI™ / AMD® CrossFire™ Technology
Display Interface	2x Thunderbolt™ 4 (Type-C) – Input from mini DisplayPort
Memory Support	4 DIMMs, Dual Channel DDR5-6666+MHz (OC)
Storage	1x M.2 Gen5 x4 128Gbps slot, 4x M.2 Gen4 x4 64Gbps slots, 1x M.2 Gen3 x4 32Gbps slot, 6x SATA 6Gb/s ports
Thunderbolt™ 4	2x USB Type-C up to 40G, Charging support up to 5V/3A, 15W, 2x Mini DisplayPort input ports
USB ports	2x USB 3.2 Gen 2x2 20Gbps (2 Type-C), 8x USB 3.2 Gen 2 10Gbps (8 Type-A), 4x USB 3.2 Gen 1 5Gbps (4 Type-A), 4x USB 2.0
LAN	Aquantia AQC113CS 10G LAN, Intel® I225-V 2.5G LAN
WiFi / BT	Intel® Wi-Fi 6E module, Bluetooth 5.2
Audio	8-Channel (7.1) HD Audio with Audio Boost 5 HD

FEATURES

M-VISION DASHBOARD

Industry's first built-in touchable LCD on the motherboard, which supports system tuning and detached mode, brings a new way for your PC operation.

Direct 20+2 Phases with 105A SPS

Ultimate direct power solution with 20+2 phases and 105A Smart Power Stage unleash the maximum CPU performance.

Premium Thermal Solution

Aluminum Cover, Wavy fin design, Cross Heat-pipe and 7W/mK thermal pads ensure the extreme performance with low temperature.

Dual Thunderbolt™ 4 ports

Thunderbolt™ 4 brings Thunderbolt to USB-C at true 40 Gb/s speeds, 8K display support, Daisy-Chaining and Multi-Port Accessory Architecture.

Onboard 6x M.2 Connectors

Sextuple M.2 connectors with Lightning Gen 5 solution. Magnetic double-sided M.2 Shield Frozr keeps M.2 SSDs safe while preventing throttling, making them run faster.

Latest Transfer Technology

Lightning PCIe 5.0 readiness with PCIe & M.2 slot and latest DDR5 memory with Memory Boost technology are ready to deliver the world class performance.

Dual Front Lightning USB 20G

USB 3.2 Gen 2x2 port offers 20Gbps transmission speed, 4x faster then USB 3.2 Gen 1, available when connecting the front USB Type-C.

10G Super LAN with Wi-Fi 6E solution

Onboard 10Gbps LAN with LAN manager and latest Wi-Fi 6E solution deliver the best online gaming experience.

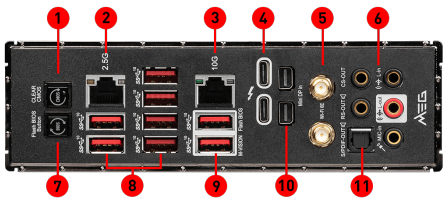
Full Armor Design

The revolutionary magnetic cover allow you showing off your PC building without messy cable when installing great amount of devices.

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. 2.5G LAN
3. 10G Super LAN
4. Thunderbolt 4 40Gbps (Type-C)
5. Wi-Fi / Bluetooth
6. HD Audio Connectors
7. Flash BIOS Button
8. USB 3.2 Gen2 10Gbps (Type-A)
9. M-VISION Dashboard Port
10. Mini DisplayPort Input (for Thunderbolt passthrough)
11. Optical S/PDIF-Out

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