MOTHERBOARD

MEG Z590 GODLIKE

ONE BOARD TO RULE THEM ALL



FEATURES

Quadruple M.2 Connectors

Onboard quadruple M.2 connectors for the maximum storage performance with one Lightning Gen 4 solution.

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.

Wi-Fi 6E

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

Smart Button

Reset Computer, Safe Boot, Turbo Fan and EZ LED control functions with just one click.

8 Layer PCB with 2oz Thickened Copper

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

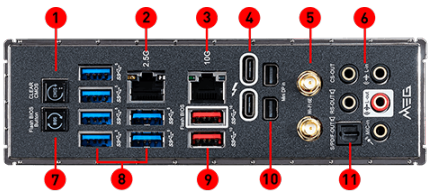
Double Side M.2 Shield Frozr

Double side M.2 thermal solution to keep M.2 SSDs safe while preventing throttling, making them run cooler & faster.

SPECIFICATIONS

Model Name	MEG Z590 GODLIKE
CPU Support	Supports 10th Gen Intel® Core™ Processors, 11th Gen Intel® Core™ Processors, Pentium® Gold and Celeron® Processors
CPU Socket	LGA 1200
Chipset	Intel® Z590 Chipset
Graphics Interface	2x PCIe 4.0 x16 slots, 1x PCIe 3.0 x16 slot Support 2-way NVIDIA® SLI™ Technology / 3-way AMD® CrossFire™ Technology
Display Interface	2x Thunderbolt™ 4 (Type-C), Input from mini DisplayPort
Memory Support	4 DIMMs, Dual Channel DDR4-5600MHz(OC)
Storage	1x M.2 Gen4 x4 64Gb/s slot, 3x M.2 Gen3 x4 32Gb/s slots, supports Intel®Optane™ Technology 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	3x USB 3.2 Gen 2 10Gbps (2 Type-A + 1 Type-C), 10x USB 3.2 Gen 1 5Gbps (10 Type-A), 4x USB 2.0
LAN	Aquantia AQC107 10G LAN, Intel® I225-V 2.5G LAN
WiFi / BT	Intel® Wi-Fi 6E AX210, Bluetooth 5.2
Audio	8-Channel (7.1) HD Audio with Audio Boost 5 HD

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 Gen1 5Gbps (Type-A)
9. USB 3.2 Gen2 10Gbps (Type-A)
10. Mini DisplayPort Input (for Thunderbolt passthrough)
11. Optical S/PDIF-Out

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