BO MẠCH CHỦ

# MEG Z590 GODLIKE

ONE BOARD TO RULE THEM ALL



## FEATURES

**Premium Thermal Module**

Wavy fin design, 8mm heatpipe, 7W/mK thermal pads, Frozr Heatsink and Aluminum Backplate ensure the extreme performance with low temperature.

**Dynamic Dashboard II**

A colorful OLED panel indicates the status of your GODLIKE and shows off your own personality.

**10G Super LAN**

Next level network speed, secure networking with fastest data throughput to improve efficiency.

**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.

**Direct 20 Phases with 90A SPS**

INTERSIL digital PWM, direct 20 phases with 90A Smart Power Stage, Titanium Choke III and dual CPU power connectors to unleash the maximum performance.

**Quadruple M.2 Connectors**

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

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**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.

**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.

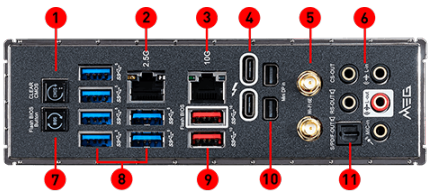
**8 Layer PCB with 2oz Thickened Copper**

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

## 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<br>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<br>6x SATA 6Gb/s ports |
| **Thunderbolt™ 4** | 2x USB Type-C up to 40G,<br>Charging support up to 5V/3A, 15W,<br>2x Mini DisplayPort input ports |
| **USB ports** | 3x USB 3.2 Gen 2 10Gbps (2 Type-A + 1 Type-C),<br>10x USB 3.2 Gen 1 5Gbps (10 Type-A),<br>4x USB 2.0 |
| **LAN** | Aquantia AQC107 10G LAN,<br>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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