



SPECIFICATIONS

Model Name	MEG Z590 ACE
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	Support 4K@60Hz as specified in HDMI 2.0b - Requires Processor Graphics, 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) 6x USB 3.2 Gen 1 5Gbps (6 Type-A) 6x USB 2.0
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

FEATURES



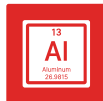
Extreme Power Design

INTERSIL digital PWM, 16+2+1 phases with 90A SPS, Mirrored Power Arrangement 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.



Outstanding Cooling Solution

Aluminum Cover design, VRM Heat-pipe, 7W/mK thermal pads, M.2 Shield Frozr and Aluminum Backplate ensure the extreme performance with low temp.



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.



2,5G LAN

Le connecteur 2,5G LAN avec LAN Manager délivre une expérience gaming en ligne parfaitement fluide.



Wi-Fi 6E

La nouvelle solution de connexion sans-fil Wi-Fi 6E supporte le spectre 6 GHz, les technologies MU-MIMO et BSS et offre un débit allant jusqu'à 2400 Mb/s.



Smart Button

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



Audio Boost 5 HD

Ultimate audio solution with premium audio processor combining ESS audio DAC and amplifier deliver the breathtaking experience.



8 Layer PCB with 2oz Thickened Copper

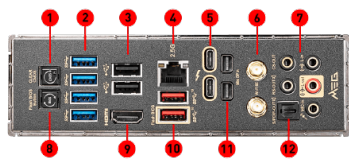
An Enhanced PCB design provides higher performance and long-lasting system stability without any compromise.



Rétroéclairage LED RGB Mystic Light

Mettez de la couleur dans votre boîtier avec la technologie MSI Mystic Light et ses 16,8 millions de teintes de couleurs et 29 effets LED.

CONNECTIONS



1. Clear CMOS Button
2. USB 3.2 Gen1 5Gbps (Type-A)
3. USB 2.0
4. 2.5G LAN
5. Thunderbolt 4 40Gbps (Type-C)
6. Wi-Fi / Bluetooth
7. HD Audio Connectors
8. Flash BIOS Button
9. HDMI
10. USB 3.2 Gen2 10Gbps (Type-A)
11. Mini DisplayPort Input (for Thunderbolt passthrough)
12. Optical S/PDIF-Out