CARTES MÈRES

MEG Z590 ACE GOLD EDITION

REVEAL THE PURE LUSTER



SPECIFICATIONS

Modèle	MEG Z590 ACE GOLD EDITION
Processeur	Intel® Core™ de 11ème et 10ème génération, Pentium® Gold et Celeron®
Socket	LGA 1200
Chipset	Intel® Z590
Interface graphique	2 x slots PCIe 4.0 x16, 1 x slot PCIe 3.0 x16 Support NVIDIA® SLI™ 2-way / AMD® CrossFire™ 3-way
Affichage	Support 4K @ 60 Hz tel que spécifié par la norme HDMI™ 2.0b – requiert un processeur graphique, 2 x Thunderbolt™ 4 (Type-C), entrée depuis mini DisplayPort
Mémoire	4 DIMM, Dual Channel DDR4-5600 MHz (OC)
Stockage	1 x slot M.2 Gen4 x4 64 Gb/s, 3 x slots M.2 Gen3 x4 32 Gb/s, support de la technologie Intel® Optane™ 6 x ports SATA 6 Gb/s
Thunderbolt™ 4	2 x USB Type-C jusqu'à 40G, Support fonction d'alimentation jusqu'à 5V / 3A, 15 W, 2 x port d'entrée Mini DisplayPort
USB	3 x USB 3.2 Gen2 10 Gbps (2 Type-A + 1 Type-C) 6 x USB 3.2 Gen1 5 Gb/s (6 Type-A) 6 x USB 2.0
LAN	Intel® I225-V 2.5G LAN
WiFi / BT	Intel® Wi-Fi 6E AX210, Bluetooth 5.2
Audio	HD 8 canaux (7.1) avec 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.

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.

Audio Boost 5 HD

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

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 6 supporte le spectre 6 GHz, les technologies MU-MIMO et BSS et offre un débit allant jusqu'à 2400 Mb/s.

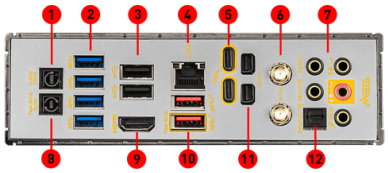
Quadruple M.2 Connectors

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

Outstanding Cooling Solution

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

CONNECTIONS



1. Bouton Clear CMOS
2. USB 3.2 Gen1 5 Gb/s (Type-A)
3. USB 2.0
4. 2
5. 5G LAN
6. Thunderbolt 4 40 Gb/s (Type-C)
7. Wi-Fi / Bluetooth
8. Jacks audio HD
9. Bouton Flash BIOS
10. HDMI™
11. USB 3.2 Gen2 10 Gb/s (Type-A)
12. Entrée Mini DisplayPort (pour transmission Thunderbolt)
13. Sortie S/PDIF optique

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