CARTES MÈRES

MEG Z690 ACE

STYLE LUXUEUX ET PERFORMANCES



SPECIFICATIONS

Modèle	MEG Z690 ACE
Processeur	Intel® Core™ de 12ème et 13ème génération, Pentium® Gold et Celeron®
Socket	LGA 1700
Chipset	Intel® Z690
Interface vidéo	2 x slots PCIe 5.0 x16 1 x slot PCIe 4.0 x16 Support NVIDIA® SLI™/AMD® CrossFire™
Sorties vidéo	1 x Type-C DisplayPort – processeur graphique requis 2 x Thunderbolt™ 4 (Type-C) – processeur graphique requis ou entrée depuis mini DisplayPort
Mémoire	4 DIMM, Dual Channel DDR5-6666+ MHz (OC)
Stockage	4 x slots M.2 Gen4 x4 64 Gb/s, 1 x slot M.2 Gen3 x4 32 Gb/s, 6 x ports SATA 6 Gb/s
USB	2 x USB 3.2 Gen2x2 20 Gb/s (2 x Type-C), 8 x USB 3.2 Gen2 10 Gb/s (7 x Type-A + 1 x Type-C), 4 x USB 3.2 Gen1 5 Gb/s (4 x Type-A), 4 x USB 2.0
LAN	2 x Intel® I225-V 2.5G LAN
WiFi / BT	Intel® Wi-Fi 6E, Bluetooth 5.2
Audio	HD 8 canaux (7.1) avec Audio Boost 5 HD

FEATURES

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.

Direct 19+1+2 Phases Power Design

Extreme direct power solution with 19+1+2 phases and 105A Smart Power Stage unleash the maximum CPU performance.

Latest DDR5 Memory

A huge step of DDR performance enhancement with the latest DDR5 memory and MSI Memory Boost technology.

Lightning Gen 5

The latest PCIe 5.0 solution with up to 128GB/s bandwidth for maximum transfer speed.

Quintuple M.2 Connectors

Onboard 5x M.2 connectors with quad PCIe 4.0 solution, strengthened by double-sided M.2 Shield Frozr.

Outstanding Cooling Solution

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

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.

Dual 2.5G LAN

Onboard dual 2.5Gbps LAN with LAN manager provides incredible data transfer speed faster than general Gigabit LAN, delivering the best online gaming experience.

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.

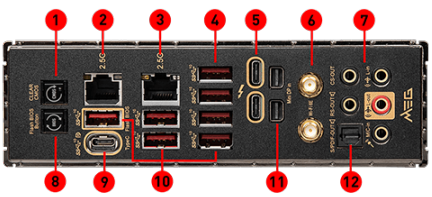
SMT PCIE and Memory Slot

The advanced SMT(Surface Mount Technology) welding process reduces the defect rate of slot solder joints, deliver the clean and pure signal.

8 Layer PCB with 2oz Thickened Copper

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

CONNECTIONS



1. Bouton Clear CMOS
2. 2.5 G LAN
3. 2.5 G LAN
4. USB 3.2 Gen2 10 Gb/s (Type-A)
5. Thunderbolt 4 40 Gb/s (Type-C)
6. Wi-Fi / Bluetooth
7. Jack audio HD
8. Bouton Flash BIOS
9. USB 3.2 Gen2 10 Gb/s (Type-C Display port)
10. USB 3.2 Gen2 10 Gb/s (Type-A)
11. Entrée Mini DisplayPort (pour connexion Thunderbolt à la chaîne)
12. Sortie S/PDIF optique

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