



SPECIFICATIONS

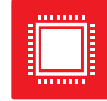
Model Name	MEG Z790 ACE
CPU Support	Supports 12th/ 13th Gen Intel® Core™ Processors, Pentium® Gold and Celeron® Processors
CPU Socket	LGA 1700
Chipset	Intel® Z790 Chipset
Expansion Slots	2x PCIe 5.0 x16 slots 1x PCIe 4.0 x16 slot
Display Interface	1x Type-C Display port - Requires Processor Graphics 2x Thunderbolt™ 4 (Type-C), Input from mini DisplayPort
Thunderbolt™ 4	2x USB Type-C up to 40G, Charging support up to 5V/3A, 15W 2x Mini DisplayPort input ports
Memory Support	4 DIMMs, Dual Channel DDR5 7800+MHz (OC)
Storage	1x M.2 Gen 5 x4 128Gbps slot 4x M.2 Gen 4 x4 64Gbps slots 6x SATA 6Gbps ports
USB ports	2x USB 3.2 Gen 2x2 20Gbps (2 Type-C) 8x USB 3.2 Gen 2 10Gbps (7 Type-A + 1 Type-C) 4x USB 3.2 Gen 1 5Gbps (4 Type-A) 4x USB 2.0
LAN	2x Intel® 2.5Gbps LAN
WiFi / BT	Intel® Wi-Fi 6E, Bluetooth 5.3
Audio	8-Channel (7.1) HD Audio with Audio Boost 5 HD

FEATURES



Deux ports Thunderbolt™ 4

Les deux ports Thunderbolt™ 4 apportent la norme Thunderbolt sur le port USB-C avec une bande passante allant jusqu'à 40 Gb/s, le support de la norme 8K, la possibilité de connecter des périphériques à la chaîne et l'architecture Multi-Port Accessory.



24+1+2 Phases Power Design

The ultimate power solution with DRPS and 105A Smart Power Stage unleashes the maximum CPU performance.



Premium Thermal Solution

Stacked Fin Array, Direct Touch Cross Heat-pipe, Aluminum Backplate, double-sided M.2 Shield Frozr, and Frozr AI software ensure the extreme performance with low temperature.



Lightning Gen5

Solution PCIe 5.0 avec bande passante allant jusqu'à 128 Gb/s pour des transferts plus rapides.



Mémoire DDR5

Profitez de performances mémoire avancées avec la dernière norme DDR5 et la technologie MSI Memory Boost.



Quintuple M.2 Connectors

Onboard 5x M.2 connectors with one Lightning Gen 5 solution for the maximum storage performance.



Magnetic and Screwless M.2 Shield Frozr

The patented design enables true "wire-less" RGB function, while the screwless design provides the easiest way for M.2 installation.



Dual 2.5G LAN

Onboard dual 2.5Gbps LAN 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.



Audio Boost 5 HD

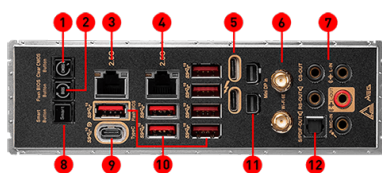
Qualité audio ultime et expérience plus immersive avec un processeur audio combinant un DAC ESS et un amplificateur.



Circuit imprimé à 8 couches de cuivre de 2 onces

Ce circuit imprimé offre de meilleures performances ainsi qu'une stabilité du système améliorée sans faire de compromis.

CONNECTIONS



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