CARTES MÈRES

MPG Z690 CARBON WIFI

PERFORM IN STYLE



SPECIFICATIONS

Model Name	MPG Z690 CARBON WIFI
CPU Support	Supports 12th Gen Intel® Core™ Processors, Pentium® Gold and Celeron® Processors
CPU Socket	LGA 1700
Chipset	Intel® Z690 Chipset
Graphics Interface	2x PCIe 5.0 x16 slots, 1x PCIe 3.0 x16 slot Support AMD® CrossFire™ Technology
Display Interface	Support 4K@60Hz as specified in HDMI™ 2.1, DisplayPort 1.4 – Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR5-6666+ (OC)
Storage	4x M.2 Gen4 x4 64Gbps slots, 1x M.2 Gen3 x4 32Gbps slot, supports Intel® Optane™ Technology 6 x SATA 6Gbps
USB ports	1x USB 3.2 Gen 2x2 20Gbps (1 Type-C), 6x USB 3.2 Gen 2 10Gbps (5 Type-A + 1 Type-C), 2x USB 3.2 Gen 1 5Gbps (2 Type-A), 8x USB 2.0
LAN	Intel® I225-V 2.5G LAN
Wireless / Bluetooth	Intel® Wi-Fi 6E module, Bluetooth 5.2
Audio	8-Channel (7.1) HD Audio with Audio Boost 5

FEATURES

Premium Thermal Design

Heavy plated mosfet heatsink with heat-pipe / high quality 7W/mK mosfet thermal pads / extra choke thermal pads / 3x onboard M.2 Shield Frozr

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.

2,5G LAN

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

Lightning USB 20G

Le port USB 3.2 Gen 2x2 fournit un taux de transfert pouvant aller jusqu'à 20 Gb/s, ce qui est quatre fois plus rapide que l'USB 3.2 Gen1.

Audio Boost 5

Circuit audio isolé avec processeur audio et condensateur haute qualité pour une expérience gaming plus immersive.

Core Boost

Circuit repensé et alimentation numérique pour supporter plus de cœurs et assurer de meilleures performances.

Circuit imprimé en cuivre de 2 onces

Le circuit imprimé en cuivre de 2 onces contribue à améliorer la dissipation de chaleur et assurer des performances plus fiables.

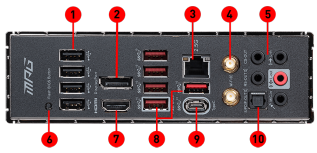
Lightning Gen 5

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

Memory Boost

Advanced technology to deliver pure data signals for the best performance, stability and compatibility.

CONNECTIONS



1. USB 2.0
2. DisplayPort
3. 2.5G LAN
4. Wi-Fi/Bluetooth
5. Audio Connectors
6. Flash BIOS Button
7. HDMI™
8. USB 3.2 Gen 2 10Gbps Type-A
9. USB 3.2 Gen 2x2 20Gbps Type-C
10. Optical S/PDIF Out

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