CARTES MÈRES

MAG Z690 TOMAHAWK WIFI DDR4

CONQUER THE BATTLEFIELD



SPECIFICATIONS

Model Name	MAG Z690 TOMAHAWK WIFI DDR4
CPU Support	Supports 12th Gen Intel® Core™ Processors, Pentium® Gold and Celeron® Processors
CPU Socket	LGA 1700
Chipset	Intel® Z690 Chipset
Graphics Interface	1x PCIe 5.0 x16 slot, 1x PCIe 3.0 x16 slot Supports 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 DDR4-5200+ (OC)
Expansion Slots	1x PCIe 3.0 x16 slot, 1x PCIe 3.0 x1 slot
Storage	3x M.2 Gen4 x4 64Gbps slots, 1x M.2 Gen3 x4 32Gbps slot, Support Intel® Optane™ Technology, 6x SATA 6Gb/s ports
USB ports	1x USB 3.2 Gen 2x2 20Gbps (Type-C), 4x USB 3.2 Gen 2 10Gbps (Type-A + Type-C), 4x USB 3.2 Gen 1 5Gbps (Type-A), 6x USB 2.0
LAN	1x Intel® I225-V 2.5G LAN
Wireless / Bluetooth	Intel® Wi-Fi 6 module, Bluetooth 5.2
Audio	8-Channel (7.1) HD Audio with Audio Boost 5

FEATURES

Quadruple M.2 Connectors

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

M.2 Shield FROZR

Protège les SSD M.2 contre la surchauffe et évite le phénomène de throttling.

Lightning Gen 5

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

Wi-Fi 6

La nouvelle solution de connexion sans-fil Wi-Fi 6 supporte 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.

Memory Boost

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

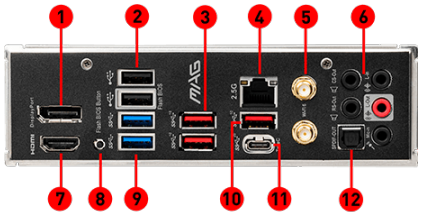
Core Boost

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

Audio Boost 5

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

CONNECTIONS



1. DisplayPort 1.4
2. USB 2.0 Port
3. USB 3.2 Gen 2 10Gbps Type-A
4. 2.5G LAN Port
5. Wi-Fi / Bluetooth Antenna
6. HD Audio Connectors
7. HDMI™ 2.1 Port
8. Flash BIOS Button
9. USB 3.2 Gen 1 5Gbps Type-A
10. USB 3.2 Gen 2 10Gbps Type-A
11. USB 3.2 Gen 2x2 20Gbps Type-C
12. Optical S/PDIF OUT

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