MSI MAG B760 TOMAHAWK WIFI DDR4 motherboard

Artikel	129859
Herstellernummer	MAG B760 TOMAHAWK WIFI DDR4
EAN	4711377026376
MSI	

unite as one
The MAG series fights alongside gamers in pursuit of honor.
With added military-inspired elements in these gaming products, they were reborn as the symbol of sturdiness and durability.

Extended Heatsink
Extended Heatsink enlarges the surface of heat dissipation, ensuring even high-end processors to run in full speed.

M.2 Shield Frozr
Keeps M.2 SSDs safe while preventing throttling, making them run faster.

Heavy Plated VRM Heatsink
The VRM heatsink covers the upper
MOS and helps dissipate the heat.

7W/mK Thermal Pad &
Additional Choke Pad
High quality 7W/mK MOSFET thermal pads and extra choke thermal pads ensure all cores running in high performcance.

MSI motherboards let you manage speeds and temperatures for all your system and CPU fans in BIOS and software with a simplified graphical interface. You can also set up to 4 temperature targets, which will adjust the fan speeds automatically.

Detecting CPU & GPU temperatures and automatically adjusting fan duty of system fans to a proper value by adopting MSI AI ENGINE.

OPTIMIZED FOR WATER COOLING
Designed to support the most popular All-In-One & customized water cooling solutions on the market. A dedicated water pump PIN header supports up to 3 amp, giving you full control of the water pump speed. A clearly marked 'keep-out-zone' allows for easy and safe installation and a perfect fit.

DIY 2.0 – INTEGRATING WITH THE SYSTEM ENVIRONMENT
Connect and synchronize with MSI coolers and cases with strategically positioned pin-header locations including a dedicated pump-fan header.

12+1+1 DUET RAIL POWER SYSTEM
Unleash and sustain maximum performance with an aggressive VRM design built with digital CPU power system. Combining 8 + 8-pin power connectors and exclusive Core Boost technology, MAG B760 series motherboard is ready to sustain heavy gaming loadings.

EZ M.2 CLIP

Have trouble turning screws? MSI innovative EZ M.2 clip assist you install an M.2 SSD quickly and effortlessly.

WINDOWS 11 CERTIFIED
With MSI you benefit from great compatibility and a worry-free user experience when using Microsoft Windows 11. With a true dedication to performance, our R&D team has made sure everything works as intended when using the latest version of Microsoft Windows on any MSI product.

PRE-INSTALLED I/O SHIELD
The design protect your IO ports and makes your installation process easier and safer.

XL CLIP
The enlarged PCI-E clip helps you swap or remove your devices easier. Keep the PCI-E slot stronger and safer.

EZ DEBUG LED
Onboard LEDs will indicate the source of the problem so you know exactly where to look to get up and running again.

KEEP OUT ZONE
MSI motherboards circuitry ensure the case standoff keep out zones are pure and clean. Moreover, the protective paint is printed around each screw hole to prevent parts from being scratched or damaged to the motherboard.

LIGHTNING GEN 5 PCI-E
Doubling over the previous generation, the bandwidth of a x16 interface can reach 128GB/s.

SMT PCIE 5.0 SLOT
The advanced SMT(Surface Mount Technology) PCIE slot diminish interference and electrical noise, fully support the PCI-E 5.0 signal.

REINFORCED,
HEAVY SOLDERED CONNECTIONS
Secure to the motherboard with extra solder points and support the weight of heavy graphics cards.

FAST AND FUTURE-READY STORAGE
MSI MAG series motherboards support all the latest storage standards, which allows users to connect any ultra-fast storage device. Start games faster, load levels faster and have a real advantage over your enemies.

DOUBLE BANDWIDTH WITH LIGHTNING USB 3.2 GEN 2X2 20G
Using USB 3.2 devices has never been faster! MAG B760 series motherboards offer a wide variety of options to connect and boost your USB devices, offering never before seen USB speeds up to 20Gb/s when connecting the Rear USB Type-C.

USB FRONT TYPE-C
MSI gaming motherboards support USB Front Type-C that allows gamers to connect with the latest USB devices. Built up a system with MSI PC case to have the most convenient experience.

Zusammenfassung

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MSI MAG B760 TOMAHAWK WIFI DDR4, Intel, LGA 1700, Intel® Celeron®, Intel® Pentium® Gold, LGA 1700, DDR4-SDRAM, 128 GB

MSI MAG B760 TOMAHAWK WIFI DDR4. Processor manufacturer: Intel, Processor socket: LGA 1700, Compatible processor series:

Intel® Celeron®, Intel® Pentium® Gold. Supported memory types: DDR4-SDRAM, Maximum internal memory: 128 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, RAID levels: 0, 1, 5, 10. Ethernet interface type: 2.5 Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 6E (802.11ax), Wi-Fi standards: 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E.... Component for: PC, Motherboard form factor: ATX, Motherboard chipset family: Intel

Merkmale

Graphics

Parallel processing technology support	Not supported
On-board graphics card	No

Weight & dimensions

Width	243.8 mm
Depth	304.8 mm

Expansion slots

PCI Express x1 slots	1
PCI Express x16 slots	2
Number of M.2 (M) slots	3

Storage controllers

Supported storage drive interfaces	M.2, SATA III
RAID support	Yes
RAID levels	0, 1, 5, 10

BIOS

BIOS type	UEFI AMI
BIOS memory size	256 Mbit
ACPI version	6.4
System Management BIOS (SMBIOS) version	3.5

Processor

Processor manufacturer	Intel
Processor socket	LGA 1700
Compatible processor series	Intel® Celeron®, Intel® Pentium® Gold
Maximum number of SMP processors	1
Supported processor sockets	LGA 1700

Network

Ethernet LAN	Yes
Ethernet interface type	2.5 Gigabit Ethernet
Wi-Fi	Yes
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax)
Bluetooth	Yes
Bluetooth version	5.3

Rear panel I/O ports

USB 2.0 ports quantity	4
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	4
USB 3.2 Gen 2x2 Type-C ports quantity	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity	1
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4

Features

Motherboard chipset	Intel B760
Audio chip	Realtek ALC897
Audio output channels	7.1 channels
Product colour	Black
Component for	PC
Motherboard form factor	ATX
Motherboard chipset family	Intel
Power source type	ATX
Windows operating systems supported	Windows 10, Windows 11

Memory

Supported memory types	DDR4-SDRAM
Number of memory slots	4
Memory slots type	DIMM
Memory channels	Dual-channel
ECC	No
Non-ECC	Yes
Supported memory clock speeds	2133,2400,2666,2933,3200,3333,3400,3466,3600,3733,3800,4000,4400,4600,4800,5000,5066,5200,5333 MHz
Supported memory clock speed (max)	5333 MHz

Maximum internal memory	128 GB

Internal I/O

USB 2.0 connectors	4
USB 3.2 Gen 1 (3.1 Gen 1) connectors	2
USB 3.2 Gen 2 (3.1 Gen 2) connectors	1
Number of SATA III connectors	4
S/PDIF out connector	Yes
Front panel audio connector	Yes
Front panel connector	Yes
ATX Power connector (24-pin)	Yes
CPU fan connector	Yes
TPM connector	Yes
RGB LED pin header	Yes