

MSI MPG Z790 CARBON WIFI motherboard



Artikel
Herstellernummer
EAN
MSI

127605
MPG Z790 CARBON WIFI
4711377012881

MPG Z790 CARBON WIFI

MPG Z790 CARBON WIFI employs carbon black color scheme and RGB lighting to show off different personality and identity. Besides being stylish, it is also powerfu

BE AHEAD, POP YOUR STYLE

The MPG series brings out fashionable products by showing extremely unique styles and expressing a conceited attitude towards the challenge of the gaming world. With extraordinary performance and style, the MPG series defines the future of gaming fashion.

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.

CONTROL IN ONE CLICK

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.

FROZR AI COOLING

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

AUTO DETECT YOUR FAN

MSI fan headers automatically detect fans running in DC or PWM mode for optimal tuning of fan speeds and silence. Hysteresis also makes your fans spin up fluently to make sure your system stays silent, no matter what.

FAST AND FUTURE-READY STORAGE

MSI MPG 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! MPG Z790 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.

Zusammenfassung

MPG Z790 CARBON WIFI

MPG Z790 CARBON WIFI employs carbon black color scheme and RGB lighting to show off different personality and identity. Besides

being stylish, it is also powerfu

BE AHEAD, POP YOUR STYLE

The MPG series brings out fashionable products by showing extremely unique styles and expressing a conceited attitude towards the challenge of the gaming world. With extraordinary performance and style, the MPG series defines the future of gaming fashion.

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.

CONTROL IN ONE CLICK

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.

FROZR AI COOLING

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

AUTO DETECT YOUR FAN

MSI fan headers automatically detect fans running in DC or PWM mode for optimal tuning of fan speeds and silence. Hysteresis also makes your fans spin up fluently to make sure your system stays silent, no matter what.

FAST AND FUTURE-READY STORAGE

MSI MPG 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! MPG Z790 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.

MSI MPG Z790 CARBON WIFI, Intel, LGA 1700, Intel® Celeron®, Intel® Pentium® Gold, LGA 1700, DDR5-SDRAM, 128 GB

MSI MPG Z790 CARBON WIFI. Processor manufacturer: Intel, Processor socket: LGA 1700, Compatible processor series: Intel® Celeron®, Intel® Pentium® Gold. Supported memory types: DDR5-SDRAM, Maximum internal memory: 128 GB, Memory channels: Dual-channel. Supported storage drive interfaces: M.2, PCI Express, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 5, 10. Ethernet interface type: 2.5 Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 6 (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). Component for: PC, Motherboard form factor: ATX, Motherboard chipset family: Intel

Merkmale

Graphics

Parallel processing technology support	Not supported
--	---------------

Packaging content

Cables included	SATA
-----------------	------

BIOS

BIOS type	UEFI AMI
BIOS memory size	256 Mbit

Weight & dimensions

Features

Motherboard chipset	Intel Z790
Audio output channels	7.1 channels
Component for	PC
Motherboard form factor	ATX
Motherboard chipset family	Intel
Windows operating systems supported	Windows 10 x64, Windows 11 x64

Network

Ethernet LAN	Y
Ethernet interface type	2.5 Gigabit Ethernet
Wi-Fi	Y
Top Wi-Fi standard	Wi-Fi 6 (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)
Bluetooth	Y

Width	304.8 mm
Depth	243.8 mm

Bluetooth version	5.3
-------------------	-----

Processor

Processor manufacturer	Intel
Processor socket	LGA 1700
Compatible processor series	Intel® Celeron®, Intel® Pentium® Gold
Supported processor sockets	LGA 1700

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces	M.2, PCI Express
Number of storage drives supported	10
RAID levels	0, 1, 5, 10

Memory

Supported memory types	DDR5-SDRAM
Number of memory slots	4
Memory channels	Dual-channel
Non-ECC	Y
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6400,6600,6800,7000,7200,7400,7600 MHz
Supported memory clock speed (max)	7600 MHz
Maximum internal memory	128 GB
Unbuffered memory	Y

Rear panel I/O ports

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	6
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	6
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
USB 3.2 Gen 2x2 Type-C ports quantity	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity	1
HDMI version	2.1
S/PDIF out port	Y

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	6
Front panel audio connector	Y
Front panel connector	Y
CPU fan connector	Y
TPM connector	Y
RGB LED pin header	Y

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.