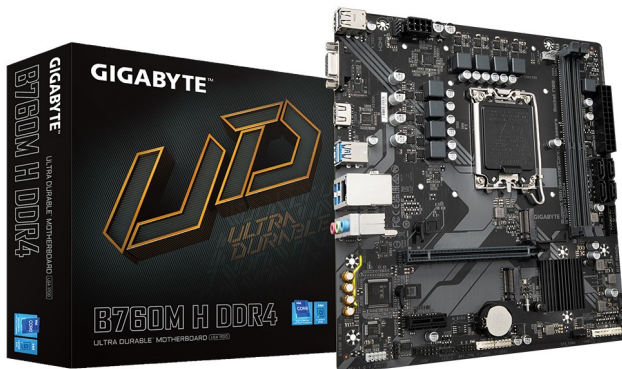


Gigabyte B760M H DDR4 (rev. 1.0)



Artikel
Herstellernummer
EAN
Gigabyte

241770
B760M H DDR4
4719331854645

6+1+1 Phases Hybrid Digital VRM Design

- 6+1+1 Phases Low RDS(on) MOSFETs
- Premium Choke and Capacitors to improve transient response and minimize oscillation

PCIe 4.0 Design

GIGABYTE B760 Motherboards are ready to work with the PCIe 4.0 devices which are expected to experience triple bandwidth than the current PCIe 3.0 devices. To reach the high speed and maintain good signal integrity, GIGABYTE R&D uses the low impedance PCB to provide the maximum performance.

Support for DDR4 XMP Up to 5333MHz and Beyond*

GIGABYTE is offering a tested and proven platform that ensures proper compatibility with profiles up to 5333MHz and beyond. All users need to do to attain this performance boost is to ensure that their memory module is XMP capable and that the XMP function is activated and enabled on their GIGABYTE motherboard.

GIGABYTE PerfDrive

PerfDrive technology integrates multiple GIGABYTE exclusive BIOS settings to allow users to balance between different levels of performance, power consumption, and temperature according to their needs easily when using 13th gen Intel® Core™ processors.

SMART FAN 6

Smart Fan 6 contains several unique cooling features that ensure gaming PC maintain its performance while staying cool and quiet. Multiple fan headers can support PWM/DC fan and pump, and users can easily define each fan curve based on different temperature sensors across the board via intuitive user interface.

CONNECTIVITY

GIGABYTE Motherboards enable the ultimate connection experience with blazing data-transfer speeds through the next generation network and storage.

PERSONALIZATION

GIGABYTE motherboards bundle several useful and intuitive software to help users to control every aspect of motherboard and provide customizable lighting effect with outstanding aesthetics to fit your unique personality.

PCIe EZ-Latch

Unlock the latch of the PCIe slot easily when remove the graphics card in the PCIe slot.

Zusammenfassung

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Gigabyte B760M H DDR4 (rev. 1.0), Intel, LGA 1700, Intel® Celeron®, Intel® Pentium® Gold, LGA 1700, DDR4-SDRAM, 64 GB

Gigabyte B760M H DDR4 (rev. 1.0). Processor manufacturer: Intel, Processor socket: LGA 1700, Compatible processor series: Intel® Celeron®, Intel® Pentium® Gold. Supported memory types: DDR4-SDRAM, Maximum internal memory: 64 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, RAID levels: 0, 1, 5, 10. Ethernet interface type: Gigabit Ethernet. Component for: PC, Motherboard form factor: micro ATX, Motherboard chipset family: Intel

Merkmale

Expansion slots

PCI Express x16 (Gen 4.x) slots	1
Number of M.2 (M) slots	2

BIOS

BIOS type	UEFI AMI
BIOS memory size	128 Mbit
ACPI version	5.0
Clear CMOS jumper	Yes
Desktop Management Interface	2.7

Weight & dimensions

Width	230 mm
Depth	215 mm

Network

Ethernet LAN	Yes
Ethernet interface type	Gigabit Ethernet
Wi-Fi	No

Storage controllers

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

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

(DMI) version	
System Management BIOS (SMBIOS) version	2.7

Features

Motherboard chipset	Intel B760 Express
Audio chip	Realtek ALC897
Audio output channels	7.1 channels
Component for	PC
Motherboard form factor	micro 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	2
Memory slots type	DIMM
Memory channels	Dual-channel
Non-ECC	Yes
Supported memory clock speeds	2133,2400,2666,2933,3000,3200 MHz
Supported memory clock speed (max)	3200 MHz
Maximum internal memory	64 GB

Rear panel I/O ports

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

Internal I/O

USB 2.0 connectors	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors	1
Number of SATA III connectors	4
Front panel audio connector	Yes
Front panel connector	Yes
ATX Power connector (24-pin)	Yes
CPU fan connector	Yes
EPS power connector (8-pin)	Yes
TPM connector	Yes
Serial port headers	1
RGB LED pin header	Yes