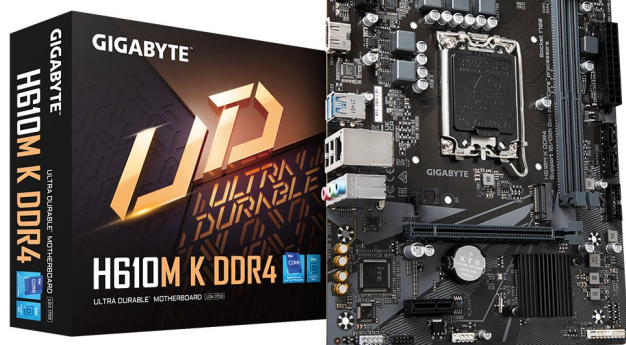


Gigabyte H610M K DDR4 1.0 motherboard



Artikel	241772
Herstellernummer	H610M K DDR4 1.0
EAN	4719331851675
Gigabyte	

GbE LAN with Bandwidth Management

GbE LAN features a network bandwidth management application which helps to improve network latency and maintain low ping times to deliver better responsiveness in crowded LAN environments.

NVMe PCIe Gen3 x4 M.2 Connector

GIGABYTE Motherboards are focused on delivering M.2 technology to enthusiasts who want to maximize their system's potential.

High-End Audio Capacitors

GIGABYTE motherboards use high-end audio capacitors. These high quality capacitors help deliver high resolution and high fidelity audio to provide the most realistic sound effects for gamers.

Audio Noise Guard

GIGABYTE motherboards feature an audio noise guard that essentially separates the board's sensitive analog audio components from potential noise pollution at the PCB level.

Solid Pin Power Connectors

H610 motherboards feature solid plated ATX 12V 8pin power connectors to offer a stable power supply during CPU overloading.

Solid Pin Power connector advantages

- Larger contact area for electricity
- More metal quantity to sustain higher power and generated heat
- Ultra durable and longer lifespan

Sulfur compounds in the air can penetrate tiny onboard resistors creating chemical change and causing these resistors to open or short. If either of these occurs the motherboard will fail to function. By equipping resistors with an Anti-Sulfur Design GIGABYTE gives Ultra Durable Motherboards a whole new meaning.

BIOS

The BIOS is essential for users during initial setup to allow for the most optimal settings. With a new GUI and easier to use functionalities, GIGABYTE has been able to reinvent the BIOS to give users a better experience while setting up their new system.

APP CENTER

GIGABYTE APP CENTER is a useful portal of all GIGABYTE MB utilities and drivers, you can choose any utility you want to install from APP CENTER and keep updated with the latest utilities and drivers version.

EasyTune™

GIGABYTE's EasyTune™ is a simple and easy-to-use interface that allows users to fine-tune their system settings or adjust system and memory clocks and voltages in a Windows environment.

Zusammenfassung

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Gigabyte H610M K DDR4 1.0, Intel, LGA 1700, Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold, DDR4-SDRAM, 64 GB, DIMM

Gigabyte H610M K DDR4 1.0. Processor manufacturer: Intel, Processor socket: LGA 1700, Compatible processor series: Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold. Supported memory types: DDR4-SDRAM, Maximum internal memory: 64 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, PCI Express 3.0, SATA. Graphics card family: Intel, Graphics card: HD Graphics, Maximum resolution: 4096 x 2160 pixels. Ethernet interface type: Gigabit Ethernet

Merkmale

Expansion slots

PCI slots 1

Graphics

On-board graphics card	Yes
Graphics card family	Intel
Graphics card	HD Graphics
Maximum resolution	4096 x 2160 pixels
HDCP	Yes

Packaging content

Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
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Storage controllers

Supported storage drive interfaces	M.2, PCI Express 3.0, SATA
Number of storage drives supported	1

Weight & dimensions

Width	226 mm
Depth	185 mm

Network

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

Processor

Processor manufacturer	Intel
Processor socket	LGA 1700
Compatible processor series	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold

BIOS

BIOS type	UEFI AMI
BIOS memory size	128 Mbit
ACPI version	5.0
Clear CMOS jumper	Yes
Clear CMOS button	Yes
Desktop Management Interface (DMI) version	2.7
System Management BIOS (SMBIOS) version	2.7

Rear panel I/O ports

USB 2.0 ports quantity	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-2 A ports quantity	
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity	1
Headphone outputs	1
Line-in	Yes
Microphone in	No

Features

Motherboard chipset	Intel H610 Express
Audio output channels	7.1 channels
PC health monitoring	Fan, Temperature, Voltage, Water cooling
Component for	PC
Motherboard form factor	micro ATX
Motherboard chipset family	Intel
Cooling type	Active
Power source type	ATX
Windows operating systems supported	Windows 10 x64, Windows 11 x64

Memory

Supported memory types	DDR4-SDRAM
Number of memory slots	2
Memory slots type	DIMM
Memory channels	Dual-channel
ECC	Yes
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
Supported memory module capacities	32GB

Internal I/O

USB 2.0 connectors	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors	1
Number of SATA III connectors	2
Audio connector	Yes
Front panel audio connector	Yes

Front panel connector	Yes
ATX Power connector (24-pin)	Yes
Power fan connector	Yes
CPU fan connector	Yes
TPM connector	Yes
12V power connector	Yes

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