GIGABYTE H610M K DDR4 motherboard

Artikel	241772
Herstellernummer	H610M K DDR4
EAN	4719331851675
GIGABYTE	

Elevate your computing experience with GIGABYTE's renowned motherboard series: AORUS, AERO, and GIGABYTE. Featuring innovative designs and advanced features, these boards offer exceptional performance and reliability. Whether you're a gamer, content creator, or professional, our series cater to your needs, ensuring uncompromising quality and cutting-edge technology.

Zusammenfassung

Elevate your computing experience with GIGABYTE's renowned motherboard series: AORUS, AERO, and GIGABYTE. Featuring innovative designs and advanced features, these boards offer exceptional performance and reliability. Whether you're a gamer, content creator, or professional, our series cater to your needs, ensuring uncompromising quality and cutting-edge technology.

GIGABYTE H610M K DDR4 Motherboard - Supports Intel Core 14th Gen CPUs, up to 3200MHz DDR4, 1xPCIe 3.0 M.2, GbE LAN, USB 3.2 Gen 1, 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 Motherboard - Supports Intel Core 14th Gen CPUs, up to 3200MHz DDR4, 1xPCIe 3.0 M.2, GbE LAN, USB 3.2 Gen 1. 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, SATA III, Supported storage drive types: HDD & SSD. Maximum resolution: 4096 x 2160 pixels. USB connector type: USB Type-A

Merkmale

Technical details

Warranty period	3 year(s)

Logistics data

Country of origin	China
Products per shipping (inner) case	1 pc(s)

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
Maximum number of SMP processors	1

Storage controllers

Expansion slots

PCI Express x1 (Gen 3.x) slots	1
PCI Express x16 (Gen 4.x) slots	1
Number of M.2 (M) slots	1

Graphics

Parallel processing technology support	Not supported
Maximum resolution	4096 x 2160 pixels
HDCP	Yes

Packaging content

Cables included	SATA
Batteries included	Yes
Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software

Weight & dimensions

Width	226 mm
Depth	185 mm
Height	35 mm

Network

Ethernet LAN	Yes
Ethernet interface type	Gigabit Ethernet
LAN controller	Realtek RTL8111H
Wi-Fi	No

Packaging data

Package width	265 mm
Package depth	235 mm
Package height	52 mm
Package weight	717 g

Supported storage drive types	HDD & SSD
Supported storage drive interfaces	M.2, SATA III
Number of HDDs supported	2
Number of storage drives supported	3

Battery

Battery weight	3 g
Lithium weight per battery	0.07 g
Number of battery cells	1
Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Battery type	CR2032

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-A ports quantity	2
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity	1
HDMI version	2.1
Headphone outputs	1
Line-in	Yes
Microphone in	Yes
USB connector type	USB Type-A

Features

Motherboard chipset	Intel H610 Express
Audio chip	Realtek ALC897
Audio output channels	7.1 channels
Product colour	Brown
PC health monitoring	Fan, Temperature, Voltage, Water cooling
Component for	PC
Motherboard form factor	micro ATX
Motherboard chipset family	Intel
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 ?ompatibility	ECC & Non-ECC
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	1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 32GB
Unbuffered memory	Yes
Maximum RDIMM memory	64 GB

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
Total number of SATA connectors	2
Audio connector	Yes
Front panel audio connector	Yes
Front panel connector	Yes
ATX Power connector (24-pin)	Yes
Number of EATX power connectors	1
Power fan connector	Yes
CPU fan connector	Yes
Number of chassis fan connectors	1
EPS power connector (8-pin)	Yes
TPM connector	Yes
12V power connector	Yes