



## 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

**Brand :** GIGABYTE

**Product code:** H610M K DDR4

**Product name :** 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



- Supports Intel® Core™ 14th/ 13th /12th processors
- Dual Channel Non-ECC Unbuffered DDR4, 2 DIMMs
- GbE LAN with Bandwidth Management
- NVMe PCIe 3.0 x4 M.2
- High Quality Audio Capacitors and Audio Noise Guard
- Smart Fan 6 Features Multiple Temperature Sensors , Hybrid Fan Headers with FAN STOP
- GIGABYTE APP Center, Simple and Easy Use
- Anti-Sulfur Resistors Design

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

[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:](#)



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.

Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	Line-in	✓
Processor socket *	LGA 1700	Microphone in	✓
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold	USB connector type	USB Type-A
Maximum number of SMP processors	1	Network	
Memory		Ethernet LAN	✓
Supported memory types *	DDR4-SDRAM	Ethernet interface type	Gigabit Ethernet
Number of memory slots *	2	LAN controller	Realtek RTL8111H
Memory slots type	DIMM	Wi-Fi *	✗
Memory channels	Dual-channel	Features	
ECC compatibility	ECC & Non-ECC	Motherboard chipset *	Intel H610 Express
Supported memory clock speeds	2133,2400,2666,2933,3000,3200 MHz	Audio chip	Realtek ALC897
Supported memory clock speed (max)	3200 MHz	Audio output channels *	7.1 channels
Maximum internal memory *	64 GB	Product colour	Brown
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 32GB	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Unbuffered memory	✓	Component for *	PC
Maximum RDIMM memory	64 GB	Motherboard form factor *	micro ATX
Storage controllers		Motherboard chipset family *	Intel
Supported storage drive types	HDD & SSD	Power source type	ATX
Supported storage drive interfaces *	M.2, SATA III	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Number of HDDs supported	2	Expansion slots	
Number of storage drives supported	3	PCI Express x1 (Gen 3.x) slots	1
Graphics		PCI Express x16 (Gen 4.x) slots	1
Parallel processing technology support *	Not supported	Number of M.2 (M) slots	1
Maximum resolution	4096 x 2160 pixels	BIOS	
		BIOS type *	UEFI AMI
		BIOS memory size	128 Mbit
		ACPI version	5.0
		Clear CMOS jumper	✓

<b>Graphics</b>		<b>BIOS</b>	
HDCP	✓	Clear CMOS button	✓
<b>Internal I/O</b>		Desktop Management Interface (DMI) version	2.7
USB 2.0 connectors *	1	System Management BIOS (SMBIOS) version	2.7
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	<b>Logistics data</b>	
Number of SATA III connectors *	2	Country of origin	China
Total number of SATA connectors	2	Products per shipping (inner) case	1 pc(s)
Audio connector	✓	<b>Battery</b>	
Front panel audio connector	✓	Battery weight	3 g
Front panel connector	✓	Lithium weight per battery	0.07 g
ATX Power connector (24-pin)	✓	Number of battery cells	1
Number of EATX power connectors	1	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Power fan connector	✓	Battery type	CR2032
CPU fan connector	✓	<b>Packaging data</b>	
Number of chassis fan connectors	1	Package width	265 mm
EPS power connector (8-pin)	✓	Package depth	235 mm
TPM connector	✓	Package height	52 mm
12V power connector	✓	Package weight	717 g
<b>Rear panel I/O ports</b>		<b>Weight &amp; dimensions</b>	
USB 2.0 ports quantity *	4	Width	226 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Depth	185 mm
Ethernet LAN (RJ-45) ports *	1	Height	35 mm
HDMI ports quantity *	1	<b>Packaging content</b>	
HDMI version	2.1	Cables included	SATA
Headphone outputs	1	Batteries included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
		<b>Technical details</b>	
		Warranty period	3 year(s)



4719331851675

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 03-NOV-2024. Prints or copies of Information are only valid on the printed Publication date