

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

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- 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



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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	Headphone outputs	1
Processor socket *	LGA 1700	Line-in	✓
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold	Microphone in	✓
		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	✓	Motherboard chipset *	Intel H610 Express
Non-ECC	✓	Audio chip	Realtek ALC897
Supported memory clock speeds	2133,2400,2666,2933,3000,3200 MHz	Audio output channels *	7.1 channels
Supported memory clock speed (max)	3200 MHz	Product colour	Brown
Maximum internal memory *	64 GB	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 32GB	Component for *	PC
Unbuffered memory	✓	Motherboard form factor *	micro ATX
Maximum RDIMM memory	64 GB	Motherboard chipset family *	Intel
Storage controllers		Power source type	ATX
Supported storage drive types	HDD & SSD	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Supported storage drive interfaces *	M.2, SATA III	Expansion slots	
Number of HDDs supported	2	PCI Express x1 (Gen 3.x) slots	1
Number of storage drives supported	3	PCI Express x16 (Gen 4.x) slots	1
Graphics		Number of M.2 (M) slots	1
Parallel processing technology support *	Not supported	BIOS	
		BIOS type *	UEFI AMI
		BIOS memory size	128 Mbit
		ACPI version	5.0

Graphics		BIOS	
Maximum resolution	4096 x 2160 pixels	Clear CMOS jumper	✓
HDCP	✓	Clear CMOS button	✓
Internal I/O		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	Logistics data	
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	✓	Battery	
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	✓	Packaging data	
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
Rear panel I/O ports		Weight & dimensions	
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	Packaging content	
HDMI version	2.1	Cables included	SATA
		Batteries included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
		Technical details	
		Warranty period	3 year(s)



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