

GIGABYTE H610M K V2 Motherboard - Intel Core 14th CPUs, up to 5600MHz DDR5, 1xPCIe 3.0 M.2, 1GbE LAN, USB 3.2 Gen 1

Brand : GIGABYTE

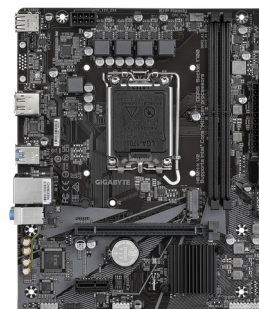
Product code: H610M K V2

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- Supports Intel Core 14th/ 13th /12th processors
 - Dual Channel Non-ECC Unbuffered DDR5, 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
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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



Processor		Network	
Processor manufacturer *	Intel	Ethernet LAN	✓
Processor socket *	LGA 1700	Ethernet interface type	Gigabit Ethernet
Compatible processor series *	Intel® Celeron®, Intel Core i3 12th Gen, Intel Core i3 13th Gen, Intel Core i3 14th Gen, Intel Core i5 12th Gen, Intel Core i5 13th Gen, Intel Core i5 14th Gen, Intel Core i7 12th Gen, Intel Core i7 13th Gen, Intel Core i7 14th Gen, Intel Core i9 12th Gen, Intel Core i9 13th Gen, Intel Core i9 14th Gen, Intel® Pentium® Gold	LAN controller	Realtek RTL8111H
		Wi-Fi *	✗
		Features	
Supported processor sockets	LGA 1700	Motherboard chipset *	Intel H610
		Audio chip	Realtek ALC897
		Audio output channels *	7.1 channels
Memory	DDR5-SDRAM	Product colour	Dark brown
		PC health monitoring	Fan, Temperature, Voltage, Water cooling
		Component for *	PC
Supported memory types *	DDR5-SDRAM	Motherboard form factor *	micro ATX
Number of memory slots *	2	Motherboard chipset family *	Intel
Memory slots type	DIMM	Cooling type	Passive
Memory channels	Dual-channel	Power source type	ATX
ECC compatibility	ECC & Non-ECC	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Supported memory clock speeds	5600,5200,4800,4400 MHz	Expansion slots	
Supported memory clock speed (max)	5600 MHz	PCI Express x1 (Gen 3.x) slots	1
Maximum internal memory *	128 GB	PCI Express x16 (Gen 4.x) slots	1
Unbuffered memory	✓	Number of M.2 (M) slots	1
Maximum internal memory per slot	64 GB	1st M.2 largest key size	2280
Storage controllers		1st M.2 highest PCI Express generation	3.0
Supported storage drive types	HDD & SSD	BIOS	
Supported storage drive interfaces *	M.2, PCI Express 3.0, SATA III	BIOS type *	UEFI AMI
Number of HDDs supported	2	BIOS memory size	128 Mbit
Number of storage drives supported	3		

Graphics		BIOS	
Parallel processing technology support *	Not supported	ACPI version	5.0
Maximum resolution	4096 x 2160 pixels	Clear CMOS jumper	✓
HDCP	✓	Desktop Management Interface (DMI) version	2.7
DirectX version	12.0	System Management BIOS (SMBIOS) version	2.7
Internal I/O		Logistics data	
USB 2.0 connectors *	1	Products per shipping (inner) case	1 pc(s)
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Battery	
Number of SATA III connectors *	2	Battery weight	3 g
Front panel audio connector	✓	Lithium weight per battery	0.07 g
Front panel connector	✓	Number of battery cells	1
ATX Power connector (24-pin)	✓	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
CPU fan connector	✓	Battery type	CR2032
Number of CPU fan connectors	1	Packaging data	
EPS power connector (8-pin)	✓	Package width	265 mm
Number of EPS power connectors (8-pin)	1	Package depth	235 mm
TPM connector	✓	Package height	52 mm
		Package weight	723 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	Batteries included	✓
DisplayPorts quantity	1	Screws included	✓
DisplayPort version	1.2	Other features	
Headphone outputs	1	Weight	650 g
Line-in	✓	Technical details	
Microphone in	✓	Warranty period	3 year(s)



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