

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

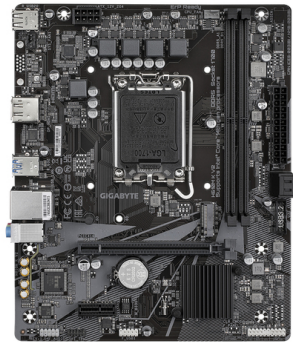
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- Supports Intel Core 14th/ 13th /12th processors
- Dual Channel Non-ECC Unbuffered DDR5, 2 DIMMs
- GbE LAN with Bandwidth Management
- NVMe PCIe 3.0 x4 M.2
- High Quality Audio Capacitors and Audio Noise Guard
- Smart Fan 6 Features Multiple Temperature 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	
		Motherboard chipset *	Intel H610
		Audio chip	Realtek ALC897
Supported processor sockets	LGA 1700	Audio output channels *	7.1 channels
		Product colour	Dark brown
		PC health monitoring	Fan, Temperature, Voltage, Water cooling
		Component for *	PC
		Motherboard form factor *	micro ATX
Memory		Motherboard chipset family *	Intel
Supported memory types *	DDR5-SDRAM	Cooling type	Passive
Number of memory slots *	2	Power source type	ATX
Memory slots type	DIMM	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Memory channels	Dual-channel	Expansion slots	
ECC compatibility	ECC & Non-ECC	PCI Express x1 (Gen 3.x) slots	1
Supported memory clock speeds	5600,5200,4800,4400 MHz	PCI Express x16 (Gen 4.x) slots	1
Supported memory clock speed (max)	5600 MHz	Number of M.2 (M) slots	1
Maximum internal memory *	128 GB	1st M.2 largest key size	2280
Unbuffered memory	✓	1st M.2 highest PCI Express generation	3.0
Maximum internal memory per slot	64 GB	BIOS	
Storage controllers		BIOS type *	UEFI AMI
Supported storage drive types	HDD & SSD	BIOS memory size	128 Mbit
Supported storage drive interfaces *	M.2, PCI Express 3.0, SATA III	ACPI version	5.0
Number of HDDs supported	2		
Number of storage drives supported	3		

Graphics		BIOS	
Parallel processing technology support *	Not supported	Clear CMOS jumper	✓
Maximum resolution	4096 x 2160 pixels	Desktop Management Interface (DMI) version	2.7
HDCP	✓	System Management BIOS (SMBIOS) version	2.7
DirectX version	12.0	Logistics data	
Internal I/O		Products per shipping (inner) case	1 pc(s)
USB 2.0 connectors *	1	Battery	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Battery weight	3 g
Number of SATA III connectors *	2	Lithium weight per battery	0.07 g
Front panel audio connector	✓	Number of battery cells	1
Front panel connector	✓	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
ATX Power connector (24-pin)	✓	Battery type	CR2032
CPU fan connector	✓	Packaging data	
Number of CPU fan connectors	1	Package width	265 mm
EPS power connector (8-pin)	✓	Package depth	235 mm
Number of EPS power connectors (8-pin)	1	Package height	52 mm
TPM connector	✓	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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