

GIGABYTE H610M H V2 Motherboard - Supports Intel Core 14th CPUs, 4+1+1 Hybrid Digital VRM, up to 5600MHz DDR5, 1xPCIe 3.0 M.2, GbE LAN, USB 3.2 Gen 1

Brand : GIGABYTE

Product code: H610M H V2

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- Supports Intel® Core™ 14th/ 13th /12th processors
- Dual Channel Non-ECC Unbuffered DDR5, 2 DIMMs
- 4+1+1 Hybrid Digital VRM Design
- 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		Rear panel I/O ports	
Processor manufacturer *	Intel	Headphone outputs	3
Processor socket *	LGA 1700	Microphone in	✓
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold	USB connector type	USB Type-A
		Network	
Supported processor sockets	LGA 1700	Ethernet LAN	✓
Maximum internal memory supported by processor	96 GB	Ethernet interface type	Gigabit Ethernet
		Wi-Fi *	✗
Memory		Features	
Supported memory types *	DDR5-SDRAM	Motherboard chipset *	Intel H610 Express
Number of memory slots *	2	Audio chip	Realtek ALC897
Memory slots type	DIMM	Audio output channels *	7.1 channels
Memory channels	Dual-channel	Product colour	Black
ECC compatibility	ECC & Non-ECC	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Supported memory clock speeds	5600, 5200, 4800, 4400 MHz	Component for *	PC
Supported memory clock speed (max)	5600 MHz	Motherboard form factor *	micro ATX
Maximum internal memory *	96 GB	Motherboard chipset family *	Intel
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 12GB, 32GB, 48GB	Cooling type	Active
Unbuffered memory	✓	Power source type	ATX
		Windows operating systems supported	Windows 10 x64, Windows 11 x64
Storage controllers		Expansion slots	
Supported storage drive types	HDD & SSD	PCI Express x1 slots	1
Supported storage drive interfaces *	M.2, SATA III	PCI Express x16 slots	1
Number of HDDs supported	1	Number of M.2 (M) slots	1
Number of storage drives supported	5		
Graphics		BIOS	
Parallel processing technology support *	Not supported	BIOS type *	UEFI AMI
		BIOS memory size	128 Mbit

Graphics		BIOS	
Graphics card family	Intel	ACPI version	5.0
Graphics card	HD Graphics	Clear CMOS jumper	✓
Maximum resolution	4096 x 2304 pixels	Clear CMOS button	✓
HDCP	✓	Desktop Management Interface (DMI) version	2.7
Internal I/O		System Management BIOS (SMBIOS) version	2.7
USB 2.0 connectors *	2	Logistics data	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Country of origin	China
Number of SATA III connectors *	4	Products per shipping (inner) case	1 pc(s)
Front panel audio connector	✓	Battery	
Front panel connector	✓	Battery weight	3 g
ATX Power connector (24-pin)	✓	Lithium weight per battery	0.07 g
CPU fan connector	✓	Number of battery cells	1
EPS power connector (8-pin)	✓	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
TPM connector	✓	Battery type	CR2032
Serial port headers	1	Packaging data	
12V power connector	✓	Package width	265 mm
RGB LED pin header	✓	Package depth	265 mm
Rear panel I/O ports		Package height	54 mm
USB 2.0 ports quantity *	4	Package weight	694 g
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Weight & dimensions	
Ethernet LAN (RJ-45) ports *	1	Width	230 mm
PS/2 ports quantity	1	Depth	196 mm
VGA (D-Sub) ports quantity *	1	Height	35 mm
HDMI ports quantity *	1	Packaging content	
DVI-D ports quantity *	1	Cables included	SATA
DisplayPorts quantity	2	Batteries included	✓
		Bundled software	Norton Internet Security (OEM version) LAN bandwidth management software
		Technical details	
		Warranty period	3 year(s)



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