



## GIGABYTE H610M H V2 DDR4 Motherboard - Supports Intel Core 14th CPUs, 6+1+1 Hybrid Digital VRM, up to 3200MHz DDR4 (OC), 1xPCIe 3.0 M.2, GbE LAN, USB 3.2 Gen 1

**Brand :** GIGABYTE

**Product code:** H610M H V2 DDR4

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- Supports Intel® Core™ 14th/ 13th /12th processors
- Dual Channel Non-ECC Unbuffered DDR4, 2 DIMMs
- 6+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

Intel H610, 2 x DDR4, 1 x D-Sub, 1 x HDMI, 1 x GbE LAN, 4 x SATA, 1 x M.2, 4 x USB 3.2 Gen 1, 4 x USB 2.0, 128 Mbit flash



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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	HDMI ports quantity *	1
Processor socket *	LGA 1700	HDMI version	2.1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3,	Headphone outputs	1
	Intel® Core™ i5, Intel® Core™ i7,	Line-in	✓
Supported processor sockets	Intel® Core™ i9, Intel® Pentium®	Microphone in	✓
	Gold		
Maximum internal memory supported by processor	LGA 1700		
	64 GB		
Memory		Network	
Supported memory types *	DDR4-SDRAM	Ethernet LAN	✓
Number of memory slots *	2	Ethernet interface type	Gigabit Ethernet
Memory slots type	DIMM	Wi-Fi *	✗
Memory channels	Dual-channel		
ECC compatibility	ECC & Non-ECC	Features	
Supported memory clock speeds	2133,2400,2666,2933,3000,3200 MHz	Motherboard chipset *	Intel H610 Express
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	Component for *	PC
Unbuffered memory	✓	Motherboard form factor *	micro ATX
		Motherboard chipset family *	Intel
Storage controllers		Windows operating systems supported	Windows 10 Education x64, Windows 10 Enterprise x64, Windows 10 Home x64, Windows 10 Pro x64, Windows 10 x64, Windows 11 Enterprise x64, Windows 11 x64
Supported storage drive types	HDD & SSD	Expansion slots	
Supported storage drive interfaces *	M.2, SATA III	PCI Express x1 slots	1
Number of HDDs supported	4	PCI Express x16 slots	1
Number of storage drives supported	5	PCI Express slots version	4.0
		Number of M.2 (M) slots	1
Graphics		BIOS	
Graphics card family	Intel	BIOS type *	UEFI AMI
		BIOS memory size	128 Mbit

<b>Graphics</b>		<b>BIOS</b>	
Graphics card	HD Graphics	ACPI version	5.0
Maximum resolution	4096 x 2160 pixels	Clear CMOS jumper	✓
DirectX version	12.0	Desktop Management Interface (DMI) version	2.7
<b>Internal I/O</b>		System Management BIOS (SMBIOS) version	2.7
USB 2.0 connectors *	2	<b>Logistics data</b>	
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)
Total number of SATA connectors	4	<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
CPU fan connector	✓	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Number of chassis fan connectors	2	Battery type	CR2032
TPM connector	✓	<b>Packaging data</b>	
Serial port headers	1	Package width	265 mm
RGB LED pin header	✓	Package depth	265 mm
<b>Rear panel I/O ports</b>		Package height	54 mm
USB 2.0 ports quantity *	4	Package weight	818 g
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	<b>Weight &amp; dimensions</b>	
Ethernet LAN (RJ-45) ports *	1	Width	230 mm
PS/2 ports quantity	2	Depth	215 mm
VGA (D-Sub) ports quantity *	1	Height	35 mm
		<b>Packaging content</b>	
		Batteries included	✓
		Bundled software	Norton Internet Security LAN bandwidth management software
		<b>Technical details</b>	
		Warranty period	3 year(s)



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