

## 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
- Intel H610 Motherboard with 4+1+1 Hybrid Phases Digital VRM Design, PCIe 4.0\* Design, Gen3 x4 M.2, Anti-Sulfur Resistor, Smart Fan 6

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

<b>Graphics</b>		<b>BIOS</b>	
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
<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)
Front panel audio connector	✓	<b>Battery</b>	
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	<b>Packaging data</b>	
12V power connector	✓	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	694 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	1	Depth	196 mm
VGA (D-Sub) ports quantity *	1	Height	35 mm
HDMI ports quantity *	1	<b>Packaging content</b>	
DVI-D ports quantity *	1	Cables included	SATA
		Batteries included	✓
		Bundled software	Norton Internet Security (OEM version) LAN bandwidth management software
<b>Technical details</b>		Warranty period	3 year(s)



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