

GIGABYTE H610M S2H DDR4 motherboard Intel H610 Express LGA 1700 micro ATX

Brand : GIGABYTE

Product code: H610M S2H DDR4

Product name : H610M S2H DDR4

- Supports 12th Gen Intel® Core™ Series Processors
 - Dual Channel Non-ECC Unbuffered DDR4, 2 DIMMs
 - 6+1+1 Hybrid Digital VRM Design
 - Intel® GbE LAN with cFosSpeed Internet Accelerator Software
 - NVMe PCIe 3.0 x4 M.2
 - HDMI / DVI-D / D-Sub Ports for Multiple Display
 - 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
- Micro ATX, Intel H610 Express chipset, LGA 1700 socket, 2xDDR4 DIMM slots, 7.1-ch audio, Gigabit LAN



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	HDMI version	2.0
Processor socket *	LGA 1700	DVI-D ports quantity *	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium®	DisplayPorts quantity	1
		DisplayPort version	1.2
Supported processor sockets	LGA 1700	Headphone outputs	3
Memory		Microphone in	✓
Supported memory types *	DDR4-SDRAM	USB connector type	USB Type-A
Number of memory slots *	2	Network	
Memory slots type	DIMM	Ethernet LAN	✓
Memory channels	Dual-channel	Ethernet interface type	Gigabit Ethernet
ECC	✓	Wi-Fi *	✗
Non-ECC	✓	Features	
Supported memory clock speeds	2133,2400,2666,2933,3000,3200 MHz	Motherboard chipset *	Intel H610 Express
Maximum internal memory *	64 GB	Audio output channels *	7.1 channels
Unbuffered memory	✓	PC health monitoring	Fan, Temperature, Voltage
Storage controllers		Component for *	PC
Supported storage drive types	HDD & SSD	Motherboard form factor *	micro ATX
Supported storage drive interfaces *	M.2, SATA III	Motherboard chipset family *	Intel
Number of storage drives supported	5	Power source type	ATX
Graphics		Windows operating systems supported	Windows 10 x64, Windows 11 x64
Parallel processing technology support *	Not supported	Expansion slots	
Maximum resolution	4096 x 2304 pixels	PCI Express x1 slots	1
HDCP	✓	PCI Express x1 (Gen 3.x) slots	2
Internal I/O		PCI Express x16 slots	1
USB 2.0 connectors *	2	PCI Express x16 (Gen 4.x) slots	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	BIOS	
Number of SATA III connectors *	4	BIOS type *	UEFI AMI
Front panel audio connector	✓	BIOS memory size	256 Mbit
		ACPI version	5.0
		Clear CMOS jumper	✓

Internal I/O		BIOS	
Front panel connector	✓	Desktop Management Interface (DMI) version	2.7
ATX Power connector (24-pin)	✓	System Management BIOS (SMBIOS) version	2.7
Power fan connector	✓	Logistics data	
CPU fan connector	✓	Harmonized System (HS) code	84733020
Number of chassis fan connectors	2	Weight & dimensions	
EPS power connector (8-pin)	✓	Width	230 mm
TPM connector	✓	Depth	215 mm
Serial port headers	1	Height	70 mm
12V power connector	✓	Packaging content	
RGB LED pin header	✓	Cables included	SATA
Rear panel I/O ports		Drivers included	✓
USB 2.0 ports quantity *	4	Bundled software	Norton Internet Security (OEM version), LAN bandwidth management software
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Other features	
Ethernet LAN (RJ-45) ports *	1	Weight	800 g
PS/2 ports quantity	2	Technical details	
VGA (D-Sub) ports quantity *	1	Supported storage drives form factor (internal)	2260/2280 PCIe 3.0 x4/x2, Socket 3, M-key
HDMI ports quantity *	1		



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