

GIGABYTE H810M S2H GEN5 Motherboard - Intel Core Ultra (Series 2) CPUs, 4+1+2 Phases VRM, up to 6400MHz DDR5, 1xPCIe 4.0 M.2, 1GbE LAN, USB 3.2 Gen 1

Brand : GIGABYTE

Product code: H810M S2H GEN5

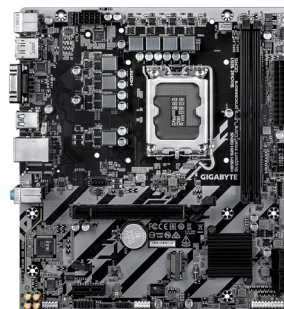
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- PCIe Gen5 Performance
- Supports Intel Core Ultra processors (Series 2)
- Hybrid 4+1+2 phases VRM solution
- EZ-Latch: PCIe 5.0 x16 Slot with Quick Release Design
- Friendly UI: Multi-Theme and Q-Flash Auto Scan in BIOS and SW
- Next Generation Storage: PCIe 4.0 x4 M.2 Connectors
- Fast Networking: GbE LAN
- Extended Connectivity: DisplayPort, HDMI, D-Sub

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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	Line-in	✓
Processor socket *	LGA 1851 (Socket V1)	Microphone in	✓
Compatible processor series *	Intel Core Ultra (Series 2)	Network	
Supported processor sockets	LGA 1851	Ethernet LAN	✓
Memory		Ethernet interface type	Gigabit Ethernet
Supported memory types *	DDR5-SDRAM	LAN controller	Realtek RTL8111H
Number of memory slots *	2	Wi-Fi *	✗
Memory slots type	DIMM	Features	
Memory channels	Dual-channel	Motherboard chipset *	Intel H810
ECC compatibility	ECC & Non-ECC	Audio chip	Realtek ALC897
Supported memory clock speeds	5600,6400 MHz	Audio output channels *	7.1 channels
Supported memory clock speed (max)	6400 MHz	Product colour	Dark brown
Maximum internal memory *	128 GB	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Unbuffered memory	✓	Component for *	PC
Maximum internal memory per slot	64 GB	Motherboard form factor *	micro ATX
Storage controllers		Motherboard chipset family *	Intel
Supported storage drive types	HDD & SSD	Cooling type	Passive
Supported storage drive interfaces *	M.2, PCI Express 4.0, SATA III	Power source type	ATX
Number of HDDs supported	4	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Number of storage drives supported	5	Expansion slots	
Graphics		PCI Express x1 (Gen 3.x) slots	1
Parallel processing technology support *	Not supported	PCI Express x16 (Gen 5.x) slots	1
Maximum resolution	4096 x 2160 pixels	Number of M.2 (M) slots	1
HDCP	✓	1st M.2 largest key size	2280
HDCP version	2.3	1st M.2 highest PCI Express generation	4.0
DirectX version	12.0		

Internal I/O		BIOS	
USB 2.0 connectors *	1	BIOS type *	UEFI AMI
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	BIOS memory size	256 Mbit
Number of SATA III connectors *	4	ACPI version	5.0
Front panel audio connector	✓	Clear CMOS jumper	✓
Front panel connector	✓	Desktop Management Interface (DMI) version	2.7
ATX Power connector (24-pin)	✓	System Management BIOS (SMBIOS) version	2.7
CPU fan connector	✓	Logistics data	
Number of CPU fan connectors	1	Country of origin	China
Number of chassis fan connectors	2	Products per shipping (inner) case	1 pc(s)
EPS power connector (8-pin)	✓	Battery	
Number of EPS power connectors (8-pin)	1	Battery weight	3 g
TPM connector	✓	Lithium weight per battery	0.07 g
Serial port headers	1	Number of battery cells	1
RGB LED pin header	✓	Battery capacity	220 mAh
Number of RGB LED pin headers	2	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Rear panel I/O ports		Battery type	CR2032
USB 2.0 ports quantity *	5	Packaging data	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Package width	265 mm
Ethernet LAN (RJ-45) ports *	1	Package depth	265 mm
PS/2 ports quantity	1	Package height	54 mm
VGA (D-Sub) ports quantity *	1	Package weight	872.4 g
HDMI ports quantity *	1	Weight & dimensions	
HDMI version	2.1	Width	244 mm
DisplayPorts quantity	1	Depth	215 mm
DisplayPort version	2.1	Height	35 mm
Headphone outputs	1	Packaging content	
		Batteries included	✓
		Screws included	✓
		Bundled software	Norton® Internet Security (OEM version)
		Other features	
		Weight	790 g
		Technical details	
		Warranty period	3 year(s)



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Catalog Object Cloud



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