

GIGABYTE H810M K Motherboard - Intel Core Ultra (Series 2) CPUs, 3+1+2 Phases VRM, up to 6400MHz DDR5, 1xPCIe 4.0 M.2, 1GbE LAN, USB 3.2 Gen 1

Brand : GIGABYTE

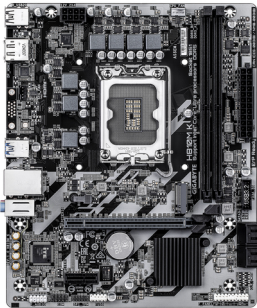
Product code: H810M K

Product name : H810M K Motherboard - Intel Core Ultra (Series 2) CPUs, 3+1+2 Phases VRM, up to 6400MHz DDR5, 1xPCIe 4.0 M.2, 1GbE LAN, USB 3.2 Gen 1

- Supports Intel Core Ultra processors (Series 2)
 - Hybrid 3+1+2 phases VRM solution
 - EZ-Latch: PCIe 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: HDMI, DisplayPort
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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		Network	
Processor manufacturer *	Intel	Ethernet LAN	✓
Processor socket *	LGA 1851 (Socket V1)	Ethernet interface type	Gigabit Ethernet
Compatible processor series *	Intel Core Ultra (Series 2)	LAN controller	Realtek RTL8111H
Supported processor sockets	LGA 1851	Wi-Fi *	✗
Memory		Features	
Supported memory types *	DDR5-SDRAM	Motherboard chipset *	Intel H810
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	Dark brown
ECC compatibility	ECC & Non-ECC	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Supported memory clock speeds	5600,6400 MHz	Component for *	PC
Supported memory clock speed (max)	6400 MHz	Motherboard form factor *	micro ATX
Maximum internal memory *	128 GB	Motherboard chipset family *	Intel
Unbuffered memory	✓	Cooling type	Passive
Maximum internal memory per slot	64 GB	Power source type	ATX
Storage controllers		Windows operating systems supported	Windows 10 x64, Windows 11 x64
Supported storage drive types	HDD & SSD	Expansion slots	
Supported storage drive interfaces *	M.2, PCI Express 4.0, SATA III	PCI Express x1 (Gen 3.x) slots	1
Number of HDDs supported	4	PCI Express x16 (Gen 4.x) slots	1
Number of storage drives supported	5	Number of M.2 (M) slots	1
RAID support	✓	1st M.2 largest key size	2280
RAID levels	0, 1, 5, 10	1st M.2 highest PCI Express generation	4.0
Graphics		BIOS	
Parallel processing technology support *	Not supported	BIOS type *	UEFI AMI
Maximum resolution	4096 x 2160 pixels	BIOS memory size	256 Mbit
HDCP	✓	ACPI version	5.0
DirectX version	12.0	Clear CMOS jumper	✓

Internal I/O		BIOS	
USB 2.0 connectors *	1	Desktop Management Interface (DMI) version	2.7
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	System Management BIOS (SMBIOS) version	2.7
Number of SATA III connectors *	4	Logistics data	
Front panel audio connector	✓	Country of origin	China
Front panel connector	✓	Products per shipping (inner) case	1 pc(s)
ATX Power connector (24-pin)	✓	Battery	
CPU fan connector	✓	Battery weight	3 g
Number of CPU fan connectors	1	Lithium weight per battery	0.07 g
Number of chassis fan connectors	1	Number of battery cells	1
EPS power connector (8-pin)	✓	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Number of EPS power connectors (8-pin)	1	Battery type	CR2032
TPM connector	✓	Packaging data	
Serial port headers	1	Package width	265 mm
Rear panel I/O ports		Package depth	265 mm
USB 2.0 ports quantity *	4	Package height	54 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Package weight	766.6 g
Ethernet LAN (RJ-45) ports *	1	Weight & dimensions	
HDMI ports quantity *	1	Width	226 mm
HDMI version	2.1	Depth	185 mm
DisplayPorts quantity	1	Height	35 mm
DisplayPort version	2.1	Packaging content	
Headphone outputs	1	Batteries included	✓
Line-in	✓	Screws included	✓
Microphone in	✓	Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
		Other features	
		Weight	688 g
		Technical details	
		Warranty period	3 year(s)



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