

GIGABYTE H810M GAMING WIFI6 Motherboard - Intel Core Ultra (Series 2) CPUs, 4+1+2 Phases VRM, up to 6400MHz DDR5, 1xPCIe 4.0 M.2, 2.5GbE LAN, WIFI 6, USB 3.2 Gen 1

Brand : GIGABYTE

Product code: H810M GAMING WIFI6

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- Supports Intel Core Ultra processors (Series 2)
- WIFI EZ-Plug: Quick and easy design for Wi-Fi antenna installation
- EZ-Latch: PCIe x16 Slot with Quick Release Design
- M.2 EZ-Latch Plus: Screwless installation for M.2 SSDs
- Friendly UI: Multi-Theme, and Q-Flash Auto Scan in BIOS and SW
- Ultra-Fast Storage: PCIe 4.0 x4 M.2 slots
- Efficient Thermal: VRM Thermal Armor Advanced & M.2 Thermal Guard
- Fast Networking: 2.5GbE LAN & Wi-Fi 6 802.11ax
- 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

Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	WiFi-AP antenna jack	2
Processor socket *	LGA 1851 (Socket V1)	Network	
Compatible processor series *	Intel Core Ultra (Series 2)	Ethernet LAN	✓
Supported processor sockets	LGA 1851	Ethernet interface type	2.5 Gigabit Ethernet
Memory		LAN controller	Realtek RTL8125
Supported memory types *	DDR5-SDRAM	Wi-Fi *	✓
Number of memory slots *	2	Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Memory slots type	DIMM	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Memory channels	Dual-channel	WLAN controller model	Realtek RTL8851BE
ECC compatibility	ECC & Non-ECC	Bluetooth	✓
Supported memory clock speeds	5600,6400 MHz	Bluetooth version	5.3
Supported memory clock speed (max)	6400 MHz	Features	
Maximum internal memory *	128 GB	Motherboard chipset *	Intel H810
Unbuffered memory	✓	Audio chip	Realtek ALC897
Maximum internal memory per slot	64 GB	Audio output channels *	7.1 channels
Storage controllers		Product colour	Dark brown
Supported storage drive types	HDD & SSD	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Supported storage drive interfaces *	M.2, PCI Express 4.0, SATA III	Component for *	PC
Number of HDDs supported	4	Motherboard form factor *	micro ATX
Number of storage drives supported	5	Motherboard chipset family *	Intel
RAID support	✓	Cooling type	Passive
RAID levels	0, 1, 5, 10	Power source type	ATX
Graphics		Windows operating systems supported	Windows 10 x64, Windows 11 x64
Parallel processing technology support *	Not supported		
Maximum resolution	4096 x 2160 pixels		
HDCP	✓		

Graphics		Expansion slots	
DirectX version	12.0	PCI Express x1 (Gen 3.x) slots	1
Internal I/O		PCI Express x16 (Gen 4.x) slots	1
USB 2.0 connectors *	2	Number of M.2 (M) slots	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	1st M.2 largest key size	2280
Number of SATA III connectors *	4	1st M.2 highest PCI Express generation	4.0
S/PDIF out connector	✓	BIOS	
Front panel audio connector	✓	BIOS type *	UEFI AMI
Front panel connector	✓	BIOS memory size	256 Mbit
ATX Power connector (24-pin)	✓	ACPI version	5.0
CPU fan connector	✓	Clear CMOS jumper	✓
Number of CPU fan connectors	1	Desktop Management Interface (DMI) version	2.7
Number of chassis fan connectors	2	System Management BIOS (SMBIOS) version	2.7
EPS power connector (8-pin)	✓	Logistics data	
Number of EPS power connectors (8-pin)	1	Products per shipping (inner) case	1 pc(s)
TPM connector	✓	Battery	
Serial port headers	1	Battery weight	3 g
RGB LED pin header	✓	Lithium weight per battery	0.07 g
Number of RGB LED pin headers	2	Number of battery cells	1
Rear panel I/O ports		Battery technology	Lithium-Manganese Dioxide (LiMnO2)
USB 2.0 ports quantity *	5	Battery type	CR2032
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Packaging data	
Ethernet LAN (RJ-45) ports *	1	Package width	270 mm
PS/2 ports quantity	1	Package depth	268 mm
HDMI ports quantity *	1	Package height	68 mm
HDMI version	2.1	Package weight	1.19 kg
DisplayPorts quantity	1	Weight & dimensions	
DisplayPort version	2.1	Width	244 mm
Headphone outputs	1	Depth	215 mm
Line-in	✓	Height	35 mm
Microphone in	✓	Packaging content	
		Batteries included	✓
		Antenna included	✓
		Screws included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
Other features		Weight	1.1 kg
Technical details		Warranty period	3 year(s)



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