

GIGABYTE B860M GAMING WIFI6 Motherboard - Intel Core Ultra Series CPUs, 8+1+2 Phases VRM, up to 9066MHz DDR5, 1xPCIe 5.0 + 1xPCIe 4.0 M.2, 2.5GbE LAN, WIFI 6, USB 3.2 Gen 1

Brand : GIGABYTE

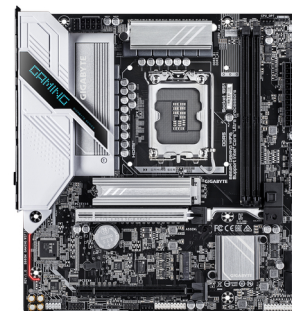
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Elevate your computing experience with GIGABYTE's renowned motherboard series: AORUS, AERO, and GIGABYTE. Featuring innovative designs and advanced features, these boards offer exceptional performance and reliability. Whether you're a gamer, content 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	WiFi-AP antenna jack	2
Processor socket *	LGA 1851 (Socket V1)	Network	
Compatible processor series *	Intel® Core™ Ultra (Series 1), Intel Core Ultra (Series 2)	Ethernet LAN	✓
Supported processor sockets	LGA 1851	Ethernet interface type	2.5 Gigabit Ethernet
Memory		Wi-Fi *	✓
Supported memory types *	DDR5-SDRAM	Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Number of memory slots *	2	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 slots type	DIMM	WLAN controller model	Realtek RTL8851BE
Memory channels	Dual-channel	Bluetooth	✓
ECC compatibility	ECC & Non-ECC	Bluetooth version	5.3
Supported memory clock speeds	5600, 6400, 6600, 6800, 7000, 7200, 7400, 7600, 7800, 7900, 7950, 8000, 8200, 8266, 8400, 8600, 8800, 9066 MHz	Features	
Supported memory clock speed (max)	9066 MHz	Audio chip	Realtek ALC897
Maximum internal memory *	128 GB	Audio output channels *	7.1 channels
Unbuffered memory	✓	Product colour	Brown
Maximum internal memory per slot	64 GB	PC health monitoring	Fan, Temperature, Voltage, Water cooling
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 HDDs supported	4	Cooling type	Passive
Number of storage drives supported	6	Power source type	ATX
RAID support	✓	Windows operating systems supported	Windows 10 x64, Windows 11 x64
RAID levels	0, 1, 5, 10	Expansion slots	
Graphics		PCI Express x16 (Gen 4.x) slots	1
Parallel processing technology support *	Not supported	PCI Express x16 (Gen 5.x) slots	1
Maximum resolution	4096 x 2160 pixels		
HDCP	✓		
DirectX version	12.0		
Internal I/O			
USB 2.0 connectors *	2		

Internal I/O		Expansion slots	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Number of M.2 (M) slots	2
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	1st M.2 largest key size	2280
Number of SATA III connectors *	4	1st M.2 highest PCI Express generation	5.0
Front panel audio connector	✓	2nd M.2 largest key size	2280
Front panel connector	✓	2nd M.2 highest PCI Express generation	4.0
ATX Power connector (24-pin)	✓	BIOS	
CPU fan connector	✓	BIOS type *	UEFI AMI
Number of CPU fan connectors	2	BIOS memory size	256 Mbit
Number of chassis fan connectors	2	ACPI version	5.0
EPS power connector (8-pin)	✓	Clear CMOS jumper	✓
Number of EPS power connectors (8-pin)	1	Desktop Management Interface (DMI) version	2.7
TPM connector	✓	System Management BIOS (SMBIOS) version	2.7
Number of water pump connectors	2	Logistics data	
RGB LED pin header	✓	Products per shipping (inner) case	1 pc(s)
Number of RGB LED pin headers	4	Battery	
Rear panel I/O ports		Battery weight	3 g
USB 2.0 ports quantity *	3	Lithium weight per battery	0.07 g
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Number of battery cells	1
Ethernet LAN (RJ-45) ports *	1	Battery capacity	220 mAh
HDMI ports quantity *	1	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
HDMI version	2.1	Battery type	CR2032
DisplayPorts quantity	1	Packaging data	
DisplayPort version	2.1	Package width	270 mm
Headphone outputs	1	Package depth	268 mm
Line-in	✓	Package height	68 mm
Microphone in	✓	Package weight	1.29 kg
		Weight & dimensions	
		Width	244 mm
		Depth	225 mm
		Height	35 mm
		Packaging content	
		Batteries included	✓
		Antenna included	✓
		Screws included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
		Other features	
		Weight	1.23 kg



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