

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 4



Brand : GIGABYTE

Product code: B860M GAMING WIFI6

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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	DisplayPort version	2.1
Processor socket *	LGA 1851 (Socket V1)	Headphone outputs	1
Compatible processor series *	Intel® Core™ Ultra (Series 1), Intel Core Ultra (Series 2)	Line-in	✓
Supported processor sockets	LGA 1851	Microphone in	✓
Memory		WiFi-AP antenna jack	2
Supported memory types *	DDR5-SDRAM		
Number of memory slots *	2		
Memory slots type	DIMM		
Memory channels	Dual-channel		
ECC compatibility	ECC & Non-ECC		
Supported memory clock speeds	5600,6400,6600,6800,7000,7200,7400,7600,7800,7900,7950,8000,8200,8266,8400,8600,8800,9066 MHz		
Supported memory clock speed (max)	9066 MHz		
Maximum internal memory *	128 GB		
Unbuffered memory	✓		
Maximum internal memory per slot	64 GB		
Storage controllers		Network	
Supported storage drive types	HDD & SSD	Ethernet LAN	✓
Supported storage drive interfaces *	M.2, SATA III	Ethernet interface type	2.5 Gigabit Ethernet
Number of HDDs supported	4	LAN controller	Realtek RTL8125
Number of storage drives supported	6	Wi-Fi *	✓
RAID support	✓	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
RAID levels	0, 1, 5, 10	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax)
Graphics		Features	
Parallel processing technology support *	Not supported	Audio chip	Realtek ALC897
Maximum resolution	4096 x 2160 pixels	Audio output channels *	7.1 channels
HDCP	✓	Product colour	Brown
DirectX version	12.0	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Internal I/O		Component for *	
USB 2.0 connectors *	2	Motherboard form factor *	
		Motherboard chipset family *	
		Power source type	
		Intel	
		ATX	

Internal I/O		Features	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Windows operating systems supported	Windows 10 x64, Windows 11 x64
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1		
Number of SATA III connectors *	4		
Front panel audio connector	✓		
Front panel connector	✓		
ATX Power connector (24-pin)	✓		
CPU fan connector	✓		
Number of CPU fan connectors	2		
Number of chassis fan connectors	2		
EPS power connector (8-pin)	✓		
Number of EPS power connectors (8-pin)	1		
TPM connector	✓		
Thunderbolt headers	2		
Number of water pump connectors	2		
RGB LED pin header	✓		
Number of RGB LED pin headers	4		
Rear panel I/O ports		BIOS	
USB 2.0 ports quantity *	3	BIOS type *	UEFI AMI
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	BIOS memory size	256 Mbit
Ethernet LAN (RJ-45) ports *	1	ACPI version	5.0
HDMI ports quantity *	1	Clear CMOS jumper	✓
HDMI version	2.1	Desktop Management Interface (DMI) version	2.7
DisplayPorts quantity	1	System Management BIOS (SMBIOS) version	2.7
Logistics data		Battery	
		Products per shipping (inner) case	1 pc(s)
Battery		Weight & dimensions	
		Battery weight	3 g
		Lithium weight per battery	0.07 g
		Number of battery cells	1
		Battery technology	Lithium-Manganese Dioxide (LiMnO ₂)
		Battery type	CR2032
Weight & dimensions		Weight & dimensions	
		Width	244 mm
		Depth	225 mm
		Height	35 mm
Packaging content		Weight & dimensions	
		Batteries included	✓
		Antenna included	✓
		Screws included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
Other features		Other features	
		Weight	1.23 kg



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