

GIGABYTE B860 EAGLE WIFI6E Motherboard - Intel Core Ultra Series CPUs, 12+1+2+1 Phases VRM, up to 9066MHz DDR5, 1xPCIe 5.0 + 2xPCIe 4.0 M.2, 2.5GbE LAN, WIFI 6E, USB 3.2 Gen 2x2



Brand : GIGABYTE

Product code: B860 EAGLE WIFI6E

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- Twin Hybrid 12+1+2+1 Phases 50A PPAK VRM
- Dual Channel DDR5 4*DIMMs
- PCIe 5.0 x16 with PCIe UD Slot & EZ-Latch Plus
- M.2 Gen5 (Up to 25110) with EZ-Latch Plus
- Advanced MOSFET Heatsinks/ M.2 Thermal Guard with EZ-Latch Click
- Realtek 2x2 Wi-Fi 6E with WIFI EZ-Plug
- 2.5GbE LAN, USB 3.2 Gen2x2 Type-C
- Q-Flash Plus

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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		Network	
Processor manufacturer *	Intel	Ethernet LAN	✓
Processor socket *	LGA 1851 (Socket V1)	Ethernet interface type	2.5 Gigabit Ethernet
Compatible processor series *	Intel® Core™ Ultra (Series 1), Intel Core Ultra (Series 2)	LAN controller	Realtek RTL8125D
Supported processor sockets	LGA 1851	Wi-Fi *	✓
		Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
		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)
		WLAN controller model	Intel Wi-Fi 6E AX211
		Bluetooth	✓
		Bluetooth version	5.3
Memory		Features	
Supported memory types *	DDR5-SDRAM	Motherboard chipset *	Intel B860
Number of memory slots *	4	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	5600,6400,9066 MHz	Component for *	PC
Supported memory clock speed (max)	9066 MHz	Motherboard form factor *	ATX
Maximum internal memory *	256 GB	Motherboard chipset family *	Intel
Unbuffered memory	✓	Cooling type	Passive
Maximum internal memory per slot	64 GB	Power source type	ATX
		Windows operating systems supported	Windows 10 x64, Windows 11 x64
Storage controllers		Expansion slots	
Supported storage drive types	HDD & SSD	PCI Express x16 (Gen 4.x) slots	2
Supported storage drive interfaces *	M.2, SATA III	PCI Express x16 (Gen 5.x) slots	1
Number of HDDs supported	4		
Number of storage drives supported	7		
RAID support	✓		
RAID levels	0, 1, 5, 10		
Graphics			
Parallel processing technology support *	Not supported		
Maximum resolution	4096 x 2160 pixels		

Graphics		Expansion slots	
HDCP	✓	Number of M.2 (M) slots	3
DirectX version	12.0	1st M.2 largest key size	25110
Internal I/O		1st M.2 highest PCI Express generation	5.0
USB 2.0 connectors *	2	2nd M.2 largest key size	25110
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	2nd M.2 highest PCI Express generation	4.0
Number of SATA III connectors *	4	3rd M.2 largest key size	25110
S/PDIF out connector	✓	3rd M.2 highest PCI Express generation	4.0
Front panel audio connector	✓	BIOS	
Front panel connector	✓	BIOS type *	UEFI AMI
ATX Power connector (24-pin)	✓	BIOS memory size	256 Mbit
CPU fan connector	✓	ACPI version	5.0
Number of CPU fan connectors	2	Clear CMOS jumper	✓
Number of chassis fan connectors	4	Desktop Management Interface (DMI) version	2.7
EPS power connector (8-pin)	✓	System Management BIOS (SMBIOS) version	2.7
Number of EPS power connectors (8-pin)	1	Logistics data	
TPM connector	✓	Country of origin	China
Serial port headers	1	Products per shipping (inner) case	1 pc(s)
Number of water pump connectors	3	Battery	
RGB LED pin header	✓	Battery weight	3 g
Number of RGB LED pin headers	4	Lithium weight per battery	0.07 g
Rear panel I/O ports		Number of battery cells	1
USB 2.0 ports quantity *	4	Battery technology	Lithium-Manganese Dioxide (LiMnO ₂)
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1	Battery type	CR2032
USB 3.2 Gen 2x2 Type-C ports quantity	1	Packaging data	
Ethernet LAN (RJ-45) ports *	1	Package width	335 mm
PS/2 ports quantity	1	Package depth	270 mm
HDMI ports quantity *	1	Package height	80 mm
HDMI version	2.1	Package weight	1.92 kg
DisplayPorts quantity	1	Weight & dimensions	
DisplayPort version	2.1	Width	305 mm
Headphone outputs	1	Depth	244 mm
Line-in	✓	Height	35 mm
Microphone in	✓	Packaging content	
WiFi-AP antenna jack	2	Batteries included	✓
		Antenna included	✓
		Screws included	✓
		Bundled software	Norton Internet Security (OEM version) LAN bandwidth management software
Other features		Weight	1.72 kg
Technical details		Warranty period	3 year(s)



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Catalog Object Cloud



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