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

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Brand: GIGABYTE Product code: B860 EAGLE WIFI6E

Product name: 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

- 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 * Processor socket * Compatible processor series * Supported processor sockets	Intel LGA 1851 (Socket V1) Intel® Core™ Ultra (Series 1), Intel Core Ultra (Series 2) LGA 1851	Ethernet LAN Ethernet interface type LAN controller Wi-Fi *	✓ 2.5 Gigabit Ethernet Realtek RTL8125D ✓
Memory Supported memory types * Number of memory slots * Memory slots type	DDR5-SDRAM 4 DIMM Dual-channel ECC & Non-ECC 5600,6400,9066 MHz	Top Wi-Fi standard Wi-Fi standards WLAN controller model	Wi-Fi 6E (802.11ax) 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) Intel Wi-Fi 6E AX211
Memory channels ECC compatibility Supported memory clock speeds		Bluetooth Bluetooth version Features	5.3
Supported memory clock speed (max) Maximum internal memory * Unbuffered memory Maximum internal memory per slot	9066 MHz 256 GB ✓ 64 GB	Motherboard chipset * Audio chip Audio output channels * Product colour	Intel B860 Realtek ALC897 7.1 channels Dark brown
Storage controllers Supported storage drive types Supported storage drive interfaces * Number of HDDs supported Number of storage drives supported RAID support RAID levels	4	PC health monitoring Component for * Motherboard form factor * Motherboard chipset family * Cooling type Power source type Windows operating systems supported	Fan, Temperature, Voltage, Water cooling PC ATX Intel Passive ATX Windows 10 x64, Windows 11 x64
Graphics		Expansion slots	
Parallel processing technology support * Maximum resolution	Not supported 4096 x 2160 pixels	PCI Express x16 (Gen 4.x) slots PCI Express x16 (Gen 5.x) slots	2

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	12.0	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	4.0
Front panel audio connector	✓	generation	
Front panel connector	✓	BIOS	
ATX Power connector (24-pin)	✓	BIOS type *	UEFI AMI
CPU fan connector	✓	BIOS memory size	256 Mbit
Number of CPU fan connectors	2	ACPI version	5.0
Number of chassis fan connectors	4	Clear CMOS jumper	✓
EPS power connector (8-pin)	✓	Desktop Management Interface (DMI) version	2.7
Number of EPS power connectors (8-pin)	1	System Management BIOS (SMBIOS) version	2.7
TPM connector	1	Logistics data	
Serial port headers Number of water pump connectors	1 3	Country of origin	China
RGB LED pin header	√	Products per shipping (inner) case	1 pc(s)
Number of RGB LED pin headers	4	Battery	
·	•	Battery weight	3 g
Rear panel I/O ports		Lithium weight per battery	0.07 g
USB 2.0 ports quantity *	4	Number of battery cells	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
USB 3.2 Gen 2x2 Type-C ports quantity	1	Battery type	CR2032
Ethernet LAN (RJ-45) ports *	1	Packaging data	
PS/2 ports quantity	1	Package width	335 mm
HDMI ports quantity *	1	Package depth	270 mm
HDMI version	2.1	Package height	80 mm
DisplayPorts quantity	1	Package weight	1.92 kg
DisplayPort version Headphone outputs	2.1 1	Weight & dimensions	
Line-in	·	Width	305 mm
	· ·	Depth	244 mm
Microphone in		Height	35 mm
WiFi-AP antenna jack	2	Packaging content	
		Batteries included	✓
		Antenna included	✓
		Screws included	1
		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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