

GIGABYTE B860 AORUS ELITE WIFI7 ICE Intel B860 LGA 1851 (Socket V1) ATX

Brand : GIGABYTE

Product code: B860 A ELITE WF7 ICE

Product name : B860 AORUS ELITE WIFI7 ICE

GIGABYTE B860 AORUS ELITE WIFI7 ICE. Protsessori tootja: Intel, Protsessori pesa: LGA 1851 (Socket V1), Ühilduvad protsessoriseeriad: Intel Core Ultra (Series 1), Intel Core Ultra (Series 2). Toetatud mälutüübid: DDR5-SDRAM, Maksimaalne sisemälu: 256 GB, Mälupesade tüüp: DIMM. Kõvaketta ühenduse tüüp: M.2, SATA III, Toetatud ketaste tüübid: HDD & SSD, RAID-tasemed: 0, 1, 5, 10. Maksimaalne resolutsioon: 4096 x 2160 pikslit. Ethernet-liidese tüüp: 2.5 Gigabit Ethernet, LAN-kontroller: Realtek RTL8125, Wi-Fi standard: Wi-Fi 7 (802.11be)



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 RTL8125
Supported processor sockets	LGA 1851	Wi-Fi *	✓
Memory		Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Supported memory types *	DDR5-SDRAM	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), Wi-Fi 7 (802.11be)
Number of memory slots *	4	WLAN controller model	Realtek RTL8922AE
Memory slots type	DIMM	Bluetooth	✓
Memory channels	Dual-channel	Bluetooth version	5.4
ECC compatibility	ECC & Non-ECC	Features	
Supported memory clock speeds	5600,6400,9200 MHz	Motherboard chipset *	Intel B860
Supported memory clock speed (max)	9200 MHz	Audio chip	Realtek ALC897
Maximum internal memory *	256 GB	Audio output channels *	7.1 channels
Unbuffered memory	✓	Product colour	White
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 *	ATX
Supported storage drive interfaces *	M.2, SATA III	Motherboard chipset family *	Intel
Number of HDDs supported	4	Power source type	ATX
Number of storage drives supported	7	Windows operating systems supported	Windows 11 x64
RAID support	✓	Expansion slots	
RAID levels	0, 1, 5, 10	PCI Express x16 (Gen 4.x) slots	2
Graphics		PCI Express x16 (Gen 5.x) slots	1
Parallel processing technology support *	Not supported	Number of M.2 (M) slots	3
Maximum resolution	4096 x 2160 pixels		

Graphics		Expansion slots	
HDCP	✓	1st M.2 largest key size	25110
DirectX version	12.0	1st M.2 highest PCI Express generation	5.0
Internal I/O		2nd M.2 largest key size	22110
USB 2.0 connectors *	2	2nd M.2 highest PCI Express generation	4.0
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	3rd M.2 largest key size	22110
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	3rd M.2 highest PCI Express generation	4.0
Number of SATA III connectors *	4	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	2	Desktop Management Interface (DMI) version	2.7
Number of chassis fan connectors	4	System Management BIOS (SMBIOS) version	2.7
EPS power connector (8-pin)	✓	Logistics data	
Number of EPS power connectors (8-pin)	2	Country of origin	China
TPM connector	✓	Products per shipping (inner) case	1 pc(s)
Number of water pump connectors	2	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 (LiMnO2)
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Battery type	CR2032
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Packaging data	
USB4 Gen 2x2 ports quantity	1	Package width	335 mm
Ethernet LAN (RJ-45) ports *	1	Package depth	270 mm
HDMI ports quantity *	1	Package height	80 mm
HDMI version	2.1	Package weight	2.49 kg
DisplayPorts quantity	1	Weight & dimensions	
DisplayPort version	2.1	Width	305 mm
Headphone outputs	1	Depth	244 mm
Line-in	✓	Height	35 mm
S/PDIF out port	✓	Packaging content	
Digital audio optical out	1	Batteries included	✓
WiFi-AP antenna jack	2	Antenna included	✓
		Screws included	✓
		Bundled software	Norton Internet Security (OEM version) LAN bandwidth management software
Other features		Weight	2.21 kg
Technical details		Warranty period	3 year(s)



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