

## GIGABYTE B860M AORUS ELITE WIFI6E Intel B860 LGA 1851 (Socket V1) Mikro ATX

**Brand :** GIGABYTE

**Product code:** B860M A ELITE WIFI6E

**Product name :** B860M AORUS ELITE WIFI6E

GIGABYTE B860M AORUS ELITE WIFI6E. 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 6E (802.11ax)



<b>Processor</b>		<b>Rear panel I/O ports</b>	
Processor manufacturer *	Intel	WiFi-AP antenna jack	2
Processor socket *	LGA 1851 (Socket V1)	<b>Network</b>	
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
<b>Memory</b>		LAN controller	Realtek RTL8125
Supported memory types *	DDR5-SDRAM	Wi-Fi *	✓
Number of memory slots *	4	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Memory slots type	DIMM	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)
Memory channels	Dual-channel	WLAN controller model	Intel Wi-Fi 6E AX211
ECC compatibility	ECC & Non-ECC	Bluetooth	✓
Supported memory clock speeds	5600,6400,9200 MHz	Bluetooth version	5.3
Supported memory clock speed (max)	9200 MHz	<b>Features</b>	
Maximum internal memory *	256 GB	Motherboard chipset *	Intel B860
Unbuffered memory	✓	Audio chip	Realtek ALC897
Maximum internal memory per slot	64 GB	Audio output channels *	7.1 channels
<b>Storage controllers</b>		Product colour	Black
Supported storage drive types	HDD & SSD	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Supported storage drive interfaces *	M.2, SATA III	Component for *	PC
Number of HDDs supported	4	Motherboard form factor *	micro ATX
Number of storage drives supported	7	Motherboard chipset family *	Intel
RAID support	✓	Power source type	ATX
RAID levels	0, 1, 5, 10	Windows operating systems supported	Windows 11 x64
<b>Graphics</b>		<b>Expansion slots</b>	
Parallel processing technology support *	Not supported	PCI Express x16 (Gen 4.x) slots	1
Maximum resolution	4096 x 2160 pixels		

<b>Graphics</b>		<b>Expansion slots</b>	
HDCP	✓	PCI Express x16 (Gen 5.x) slots	1
DirectX version	12.0	Number of M.2 (M) slots	3
<b>Internal I/O</b>		1st M.2 largest key size	2280
USB 2.0 connectors *	2	1st M.2 highest PCI Express generation	5.0
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	2nd M.2 largest key size	2580
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	2nd M.2 highest PCI Express generation	4.0
Number of SATA III connectors *	4	3rd M.2 largest key size	25110
Front panel audio connector	✓	3rd M.2 highest PCI Express generation	4.0
Front panel connector	✓	<b>BIOS</b>	
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)	2	System Management BIOS (SMBIOS) version	2.7
TPM connector	✓	<b>Logistics data</b>	
Thunderbolt headers	2	Country of origin	China
Number of water pump connectors	2	Products per shipping (inner) case	1 pc(s)
RGB LED pin header	✓	<b>Battery</b>	
Number of RGB LED pin headers	4	Battery weight	3 g
<b>Rear panel I/O ports</b>		Lithium weight per battery	0.07 g
USB 2.0 ports quantity *	4	Number of battery cells	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Battery type	CR2032
USB4 Gen 2x2 ports quantity	1	<b>Packaging data</b>	
Ethernet LAN (RJ-45) ports *	1	Package width	270 mm
HDMI ports quantity *	1	Package depth	268 mm
HDMI version	2.1	Package height	68 mm
DisplayPorts quantity	1	Package weight	1.89 kg
DisplayPort version	2.1	<b>Weight &amp; dimensions</b>	
Headphone outputs	1	Width	244 mm
Line-in	✓	Depth	244 mm
S/PDIF out port	✓	Height	35 mm
Digital audio optical out	1	<b>Packaging content</b>	
		Batteries included	✓
		Antenna included	✓
		Screws included	✓
		Bundled software	Norton Internet Security (OEM version) LAN bandwidth management software
<b>Other features</b>		Weight	1.69 kg
<b>Technical details</b>		Warranty period	3 year(s)



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Publication date: 27-FEB-2025. Prints or copies of Information are only valid on the printed Publication date