

Gigabyte B760M AORUS ELITE X AX Motherboard - Supports Intel Core 14th Gen CPUs, 14+1+1 phases VRM, up to 8266MHz DDR5 (OC), 2xPCIe 4.0 M.2, Wi-Fi 6E, 2.5GbE, USB 3.2 Gen 2

Brand : Gigabyte

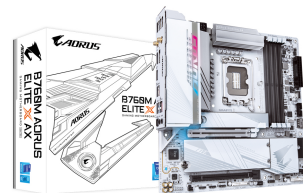
Product code: B760M AORUS ELITE X AX

Product name : B760M AORUS ELITE X AX Motherboard - Supports Intel Core 14th Gen CPUs, 14+1+1 phases VRM, up to 8266MHz DDR5 (OC), 2xPCIe 4.0 M.2, Wi-Fi 6E, 2.5GbE, USB 3.2 Gen 2

Intel B760, LGA1700 socket, 4 x DDR5, 1 x HDMI, 1 x DisplayPort, Wi-Fi, Micro ATX

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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	Ethernet LAN (RJ-45) ports *	1
Processor socket *	LGA 1700	HDMI ports quantity *	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3,	DisplayPorts quantity	1
	Intel® Core™ i5, Intel® Core™ i7,	DisplayPort version	1.2
	Intel® Core™ i9, Intel® Pentium® Gold	Headphone outputs	1
Maximum number of SMP processors	1	Microphone in	✓
Supported processor sockets	LGA 1700	S/PDIF out port	✓
Maximum internal memory supported by processor	192 GB	WiFi-AP antenna jack	2
Memory Supported memory types * DDR5-SDRAM Number of memory slots * 4 Memory slots type DIMM Memory channels Dual-channel ECC ✓ Non-ECC ✓ Supported memory clock speeds MHz 4000,4800,5200,5400,5600,5800,6000,6200,6400,6600,6800,7000,7200,7400,7600,7800,7900,7950,8000,8200,8266 Supported memory clock speed (max) 8266 MHz Maximum internal memory * 128 GB Supported memory module capacities 1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 32GB, 48GB Unbuffered memory ✓		USB connector type	USB Type-A, USB Type-C
		Network	
		Ethernet LAN	✓
		Ethernet interface type	5 Gigabit Ethernet
		Wi-Fi *	✓
		Top Wi-Fi standard	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), Wi-Fi 7 (802.11be)
		Wi-Fi standards	
		WLAN controller model	Intel Wi-Fi 6E AX211
		Bluetooth	✓
Storage controllers		Bluetooth version	5.3
Supported storage drive types	HDD & SSD	Features	
Supported storage drive interfaces *	M.2, SATA III	Motherboard chipset *	Intel B760 Express
Number of HDDs supported	4	Audio chip	Realtek ALC897
Number of storage drives supported	6	Audio output channels *	7.1 channels
RAID support	✓	Product colour	White
RAID levels	0, 1, 5, 10	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Graphics		Component for *	PC
Parallel processing technology support *	Not supported	Motherboard form factor *	micro ATX
Maximum resolution	4096 x 2304 pixels	Motherboard chipset family *	Intel
HDCP	✓	Power source type	ATX
DirectX version	12.0		
Discrete graphics support	✓		

Internal I/O		Features	
USB 2.0 connectors *	2	Windows operating systems supported	Windows 11 x64
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Expansion slots	
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	PCI Express x16 (Gen 4.x) slots	1
Number of SATA III connectors *	4	PCI Express x16 (Gen 5.x) slots	1
Total number of SATA connectors	4	Number of M.2 (M) slots	2
S/PDIF out connector	✓	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 chassis fan connectors	3	Clear CMOS button	✓
Peripheral (Molex) power connectors (4-pin)	1	Desktop Management Interface (DMI) version	2.7
EPS power connector (8-pin)	✓	System Management BIOS (SMBIOS) version	2.7
TPM connector	✓	Logistics data	
Thunderbolt headers	2	Country of origin	China
12V power connector	✓	Products per shipping (inner) case	1 pc(s)
RGB LED pin header	✓	Battery	
Rear panel I/O ports		Battery weight	3 g
USB 2.0 ports quantity *	4	Lithium weight per battery	0.07 g
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	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
		Packaging data	
		Package width	270 mm
		Package depth	268 mm
		Package height	68 mm
		Package weight	1.66 kg
		Weight & dimensions	
		Width	244 mm
		Depth	244 mm
		Height	35 mm
		Packaging content	
		Cables included	SATA
		Batteries included	✓
		Antenna included	✓
		Bundled software	Norton Internet Security
		Technical details	
		Warranty period	3 year(s)



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