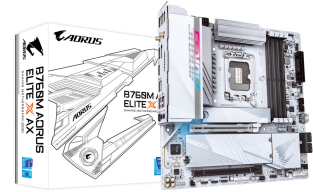


## Gigabyte B760M AORUS ELITE X AX Motherboard - Supports Intel Core 14th Gen CPUs, 14+1+1 phases VRM, up to 8266MHz DDR5 (OC), 2xPCIe 4.0 M.2, Wi-Fi 6E, 2.5GbE, USB 3.2 Gen 2



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

<b>Internal I/O</b>		<b>Features</b>	
USB 2.0 connectors *	2	Windows operating systems supported	Windows 11 x64
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	<b>Expansion slots</b>	
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	✓	<b>BIOS</b>	
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	✓	<b>Logistics data</b>	
Thunderbolt headers	2	Country of origin	China
12V power connector	✓	Products per shipping (inner) case	1 pc(s)
RGB LED pin header	✓	<b>Battery</b>	
<b>Rear panel I/O ports</b>		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
		<b>Packaging data</b>	
		Package width	270 mm
		Package depth	268 mm
		Package height	68 mm
		Package weight	1.66 kg
		<b>Weight &amp; dimensions</b>	
		Width	244 mm
		Depth	244 mm
		Height	35 mm
		<b>Packaging content</b>	
		Cables included	SATA
		Batteries included	✓
		Antenna included	✓
		Bundled software	Norton Internet Security
		<b>Technical details</b>	
		Warranty period	3 year(s)



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