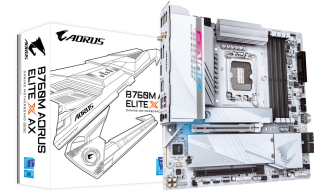


## Gigabyte B760M AORUS ELITE X AX Motherboard - Supports Intel Core 14th Gen CPUs, 14+1+1 phases VRM, up to 8266MHz DDR5 (OC), 2xPCIe 4.0 M.2, Wi-Fi 6E, 2.5GbE, USB 3.2 Gen 2

**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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### Gen Designed for 14th Gen

X marks the 14th generation! Introducing the AORUS B760 X Gen Motherboards, the most powerful platforms ever built for the Intel® Core™ 14th Gen processors. With the leading performance in DDR5 memory, the upgraded DIY-friendly innovations, and the all-new BIOS redesigned as user-centered, the AORUS B760 X Gen Motherboards are built to fully unleash the next-gen power.

Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	HDMI ports quantity *	1
Processor socket *	LGA 1700	DisplayPorts quantity	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3,	DisplayPort version	1.2
	Intel® Core™ i5, Intel® Core™ i7,	Headphone outputs	1
Maximum number of SMP processors	1	Microphone in	✓
	Supported processor sockets	S/PDIF out port	✓
Maximum internal memory supported by processor	LGA 1700	WiFi-AP antenna jack	2
	192 GB	USB connector type	USB Type-A, USB Type-C
Memory		Network	
Supported memory types *	DDR5-SDRAM	Ethernet LAN	✓
Number of memory slots *	4	Ethernet interface type	5 Gigabit Ethernet
Memory slots type	DIMM	Wi-Fi *	✓
Memory channels	Dual-channel	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
ECC	✓	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)
Non-ECC	✓		WLAN controller model
Supported memory clock speeds	4000,4800,5200,5400,5600,5800,6000,6200,6400,6600,6800,7000,7200,7400,7600,7800,7900,7950,8000,8200,8266 MHz	Bluetooth	✓
Supported memory clock speed (max)	8266 MHz	Bluetooth version	5.3
Maximum internal memory *	128 GB	Features	
Unbuffered memory	✓	Motherboard chipset *	Intel B760 Express
Storage controllers		Audio chip	Realtek ALC897
Supported storage drive types	HDD & SSD	Audio output channels *	7.1 channels
Supported storage drive interfaces *	M.2, PCI Express 4.0, 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
Graphics		Power source type	ATX
Parallel processing technology support *	Not supported	Windows operating systems supported	Windows 11 x64
Maximum resolution	4096 x 2304 pixels		
HDCP	✓		
DirectX version	12.0		
Discrete graphics support	✓		
Internal I/O			
USB 2.0 connectors *	2		

Internal I/O		Expansion slots	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	PCI Express x16 (Gen 4.x) slots	1
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	PCI Express x16 (Gen 5.x) slots	1
Number of SATA III connectors *	4	Number of M.2 (M) slots	2
Total number of SATA connectors	4	<b>BIOS</b>	
S/DPDIF out connector	✓	BIOS type *	UEFI AMI
Front panel audio connector	✓	BIOS memory size	256 Mbit
Front panel connector	✓	ACPI version	5.0
ATX Power connector (24-pin)	✓	Clear CMOS jumper	✓
CPU fan connector	✓	Clear CMOS button	✓
Number of chassis fan connectors	3	Desktop Management Interface (DMI) version	2.7
Peripheral (Molex) power connectors (4-pin)	1	System Management BIOS (SMBIOS) version	2.7
EPS power connector (8-pin)	✓	<b>Logistics data</b>	
TPM connector	✓	Country of origin	China
Thunderbolt headers	2	Products per shipping (inner) case	1 pc(s)
12V power connector	✓	<b>Battery</b>	
RGB LED pin header	✓	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 *	3	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1	Battery type	CR2032
USB 3.2 Gen 2x2 Type-C ports quantity	1	<b>Packaging data</b>	
Ethernet LAN (RJ-45) ports *	1	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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