



## GIGABYTE B760 AORUS ELITE AX Motherboard - Supports Intel Core 14th Gen CPUs, 12+1+1 Phases VRM, up to 7800MHz DDR5 (OC), 1xPCIe 4.0 + 2xPCIe 3.0 M.2, Wi-Fi 6E, 2.5GbE LAN, USB 3.2 Gen 2



**Brand :** GIGABYTE

**Product code:** B760 AORUS ELITE AX

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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	Microphone in	✓
Processor socket *	LGA 1700	S/PDIF out port	✓
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold	Digital audio optical out	1
Maximum number of SMP processors	1	Wi-Fi-AP antenna jack	2
Supported processor sockets	LGA 1700	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	2.5 Gigabit Ethernet
Memory slots type	DIMM	LAN controller	Realtek RTL8125
Memory channels	Dual-channel	Wi-Fi *	✓
ECC compatibility	ECC & Non-ECC	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Supported memory clock speeds	4000,4800,5200,5400,5600,5800,6000,6200,6400,6600,6800,7000,7200,7400,7600,7800 MHz	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)
Supported memory clock speed (max)	7600 MHz	WLAN controller model	Realtek RTL8852CE
Maximum internal memory *	192 GB	Bluetooth	✓
Unbuffered memory	✓	Bluetooth version	5.3
Storage controllers		Features	
Supported storage drive types	HDD & SSD	Motherboard chipset *	Intel B760
Supported storage drive interfaces *	M.2, SATA III	Audio chip	Realtek ALC897
Number of HDDs supported	4	Audio output channels *	7.1 channels
Number of storage drives supported	7	Product colour	Black
RAID support	✓	PC health monitoring	Fan, Temperature, Voltage, Water cooling
RAID levels	0, 1, 5, 10	Component for *	PC
Graphics		Motherboard form factor *	ATX
Parallel processing technology support *	Not supported	Motherboard chipset family *	Intel
Maximum resolution	4096 x 2304 pixels	Power source type	ATX
HDCP	✓	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Discrete graphics support	✓	Expansion slots	
Internal I/O		PCI Express x16 (Gen 3.x) slots	2
USB 2.0 connectors *	2		
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1		

Internal I/O		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	Number of M.2 (M) slots	3
S/DPDIF 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
Number of EATX power connectors	2	Clear CMOS jumper	✓
CPU fan connector	✓	Desktop Management Interface (DMI) version	2.7
Number of chassis fan connectors	4	System Management BIOS (SMBIOS) version	2.7
Peripheral (Molex) power connectors (4-pin)	1	<b>Logistics data</b>	
EPS power connector (8-pin)	✓	Country of origin	China
TPM connector	✓	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 *	4	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	335 mm
HDMI ports quantity *	1	Package depth	270 mm
DisplayPorts quantity	1	Package height	80 mm
Headphone outputs	1	Package weight	2.16 kg
		<b>Weight &amp; dimensions</b>	
		Width	305 mm
		Depth	244 mm
		Height	35 mm
		<b>Packaging content</b>	
		Cables included	SATA
		Batteries included	✓
		Antenna included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
		<b>Technical details</b>	
		Warranty period	3 year(s)



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