

## Gigabyte B760 AORUS ELITE AX (rev. 1.0) Intel B760 LGA 1700 micro ATX

**Brand :** Gigabyte

**Product code:** B760 AORUS ELITE AX

**Product name :** B760 AORUS ELITE AX (rev. 1.0)

- Intel® Socket LGA 1700□Support 13th and 12th Gen Series Processors
  - Unparalleled Performance□Twin 12\*+1+1 Phases Digital VRM Solution
  - Dual Channel DDR5□4\*SMD DIMMs with XMP 3.0 Memory Module Support
  - Next Generation Storage□3\*PCIe 4.0 x4 M.2 Connectors
  - Advanced Thermal Design & M.2 Thermal Guard□To Ensure VRM Power Stability & M.2 SSD Performance
  - EZ-Latch Plus□M.2 Connectors with Quick Release & Screwless Design
  - Fast Networks□2.5GbE LAN & Intel® Wi-Fi 6E 802.11ax
  - Extended Connectivity□Rear and Front USB-C® 10Gb/s, DP, HDMI
  - Smart Fan 6□Features Multiple Temperature Sensors, Hybrid Fan Headers with FAN STOP
  - Q-Flash Plus□Update BIOS Without Installing the CPU, Memory and Graphics Card
- B760 AORUS ELITE AX Intel LGA 1700 ATX Motherboard, 4x DDR5 ~128GB, 3x PCI-E x16, 3x M.2, 4x SATA, 5x USB 3.2, 1x USB-C, 4x USB 2.0



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Processor socket *	LGA 1700	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold	USB 3.2 Gen 2x2 Type-C ports quantity	1
Supported processor sockets	LGA 1700	Ethernet LAN (RJ-45) ports *	1
<b>Memory</b>		HDMI ports quantity *	1
Supported memory types *	DDR5-SDRAM	DisplayPorts quantity	1
Number of memory slots *	4	Headphone outputs	1
Memory slots type	DIMM	Microphone in	✓
Non-ECC	✓	WiFi-AP antenna jack	2
Supported memory clock speeds	4000,4800,5300,5400,5600,5800,6000,6200,6400,6600,6800,7000,7200,7400,7600 MHz	<b>Network</b>	
Supported memory clock speed (max)	7600 MHz	Ethernet LAN	✓
Maximum internal memory *	128 GB	Ethernet interface type	2.5 Gigabit Ethernet, 5 Gigabit Ethernet
Unbuffered memory	✓	Wi-Fi *	✓
<b>Storage controllers</b>		Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Supported storage drive types	HDD & SSD	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 storage drive interfaces *	M.2, SATA III	Bluetooth	✓
RAID support	✓	Bluetooth version	5.3
RAID levels	0, 1, 5, 10	<b>Features</b>	
<b>Graphics</b>		Motherboard chipset *	Intel B760
Maximum resolution	4096 x 2304 pixels	Audio output channels *	7.1 channels
HDCP	✓	PC health monitoring	Fan, Temperature, Voltage, Water cooling
<b>Internal I/O</b>		Component for *	PC
USB 2.0 connectors *	2	Motherboard form factor *	micro ATX
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Motherboard chipset family *	Intel
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Power source type	ATX
Number of SATA III connectors *	4	Windows operating systems supported	Windows 10, Windows 11
S/PDIF out connector	✓		
Front panel audio connector	✓		
Front panel connector	✓		
ATX Power connector (24-pin)	✓		

Internal I/O		Expansion slots	
CPU fan connector	✓	PCI Express x16 (Gen 4.x) slots	1
Peripheral (Molex) power connectors (4-pin)	1	Number of M.2 (M) slots	1
EPS power connector (8-pin)	✓	<b>BIOS</b>	
TPM connector	✓	BIOS type *	UEFI AMI
RGB LED pin header	✓	BIOS memory size	256 Mbit
<b>Rear panel I/O ports</b>		ACPI version	5.0
USB 2.0 ports quantity *	4	Clear CMOS jumper	✓
		Desktop Management Interface (DMI) version	2.7
		System Management BIOS (SMBIOS) version	2.7
		<b>Weight &amp; dimensions</b>	
		Width	305 mm
		Depth	244 mm

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