

GIGABYTE X670 AORUS ELITE AX Motherboard - Supports AMD Ryzen 8000 Series AM5 CPUs, 16*+2+2 Phases Digital VRM, up to 8000MHz DDR5 (OC), 1xPCIe 5.0 + 4xPCIe 4.0 M.2, Wi-Fi 6E, 2.5GbE LAN, USB 3.2 Gen2

Brand : GIGABYTE

Product code: X670 AORUS ELITE AX

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Socket AM5, AMD X670, 4 x DDR5, 128 GB, 1 x HDMI, Wi-Fi 6E, 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 *	AMD	Ethernet LAN (RJ-45) ports *	1
Processor socket *	Socket AM5	HDMI ports quantity *	1
Compatible processor series *	AMD Ryzen™ 7	HDMI version	2.0
Maximum number of SMP processors	1	S/PDIF out port	✓
Supported processor sockets	Socket AM5	Network	
Maximum internal memory supported by processor	192 GB	Ethernet LAN	✓
Memory		Ethernet interface type	2.5 Gigabit Ethernet
Supported memory types *	DDR5-SDRAM	Wi-Fi *	✓
Number of memory slots *	4	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Memory slots type	DIMM	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)
Memory channels	Dual-channel	Bluetooth	✓
ECC compatibility	Non-ECC	Bluetooth version	5.2
Supported memory clock speeds	4400,4800,5200,5600,6000,6200,6400,6600,6666,6800,7000,7200,7600,7800,8000 MHz	Features	
Supported memory clock speed (max)	8000 MHz	Motherboard chipset *	AMD X670
Maximum internal memory *	192 GB	Audio output channels *	7.1 channels
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 32GB, 48GB	Product colour	Black
Storage controllers		Component for *	PC
Supported storage drive types	HDD & SSD	Motherboard form factor *	ATX
Supported storage drive interfaces *	M.2, SATA II	Motherboard chipset family *	AMD
Number of HDDs supported	4	Windows operating systems supported	Windows 10 Home x64, Windows 11 x64
Number of storage drives supported	8	Expansion slots	
RAID support	✓	PCI Express x16 (Gen 3.x) slots	1
RAID levels	0, 1, 10	PCI Express x16 (Gen 4.x) slots	2
Graphics		Number of M.2 (M) slots	4
Parallel processing technology support *	Not supported	BIOS	
On-board graphics card	✗	BIOS memory size	256 Mbit
HDCP	✓	ACPI version	5.0
DirectX version	12.0	Clear CMOS jumper	✓
Internal I/O			
USB 2.0 connectors *	2		
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2		

Internal I/O		BIOS	
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Desktop Management Interface (DMI) version	2.7
Number of SATA III connectors *	4	System Management BIOS (SMBIOS) version	2.7
Total number of SATA connectors	4	Logistics data	
Audio connector	✓	Country of origin	China
Front panel connector	✓	Products per shipping (inner) case	1 pc(s)
CPU fan connector	✓	Battery	
Chassis intrusion connector	✓	Battery weight	3 g
RGB LED pin header	✓	Lithium weight per battery	0.07 g
Rear panel I/O ports		Number of battery cells	1
USB 2.0 ports quantity *	4	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6	Battery type	CR2032
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Packaging data	
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Package width	335 mm
		Package depth	270 mm
		Package height	80 mm
		Package weight	2.51 kg
		Weight & dimensions	
		Width	305 mm
		Depth	244 mm
		Height	35 mm
		Packaging content	
		Cables included	SATA
		Batteries included	✓
		Drivers included	✓
		Technical details	
		Warranty period	3 year(s)



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