



GIGABYTE X670E AORUS PRO X Motherboard - Supports AMD Ryzen 7000 CPUs, 16+2+2 phases VRM, up to 8000MHz DDR5 (OC), 4xPCIe 4.0 M.2, Wi-Fi 7, 2.5GbE LAN, USB 3.2 Gen 2

Brand : GIGABYTE

Product code: X670E AORUS PRO X

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ATX, Socket AM5, AMD X670 chipset, 4x DDR5 DIMM, 7.1-channel audio, LAN 2.5 Gb, Wi-Fi 7, Bluetooth 5.3, AMI UEFI BIOS

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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	HDMI version	2.1
Processor socket *	Socket AM5	Headphone outputs	3
Compatible processor series *	AMD Ryzen 5 7th Gen, AMD Ryzen 7 7th Gen, AMD Ryzen 9 7th Gen	Microphone in	✓
Supported processor sockets	Socket AM5	WiFi-AP antenna jack	2
Maximum internal memory supported by processor	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	2.5 Gigabit Ethernet
Memory slots type	DIMM	Wi-Fi *	✓
Memory channels	Dual-channel	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Non-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)
Supported memory clock speeds	4400,4800,5200,5600,6000,6200,6400,6600,6666,6800,7000,7200,7600,7800,8000 MHz	Bluetooth	✓
Supported memory clock speed (max)	8000 MHz	Bluetooth version	5.3
Maximum internal memory *	192 GB	Features	
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 32GB, 48GB	Motherboard chipset *	AMD X670
Unbuffered memory	✓	Audio output channels *	7.1 channels
Storage controllers		Product colour	White
Supported storage drive types	HDD & SSD	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Supported storage drive interfaces *	M.2, PCI Express 5.0, SATA III	Component for *	PC
Number of HDDs supported	4	Motherboard form factor *	ATX
Number of storage drives supported	8	Motherboard chipset family *	AMD
RAID support	✓	Windows operating systems supported	Windows 11 x64
RAID levels	0, 1, 10	Expansion slots	
Graphics		PCI Express x16 slots	3
Parallel processing technology support *	Not supported	Number of M.2 (M) slots	4
Maximum resolution	4096 x 2160 pixels	BIOS	
HDCP	✓	BIOS type *	UEFI AMI
DirectX version	12.0		
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 2x2 connectors	1	BIOS memory size	256 Mbit
Number of SATA III connectors *	4	ACPI version	5.0
Front panel audio connector	✓	Clear CMOS jumper	✓
Front panel connector	✓	Clear CMOS button	✓
ATX Power connector (24-pin)	✓	Desktop Management Interface (DMI) version	2.7
CPU fan connector	✓	System Management BIOS (SMBIOS) version	2.7
EPS power connector (8-pin)	✓	Logistics data	
TPM connector	✓	Country of origin	China
12V power connector	✓	Products per shipping (inner) case	1 pc(s)
RGB LED pin header	✓	Battery	
Rear panel I/O ports		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 *	4	Number of battery cells	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
USB 3.2 Gen 2x2 Type-C ports quantity	1	Battery type	CR2032
Ethernet LAN (RJ-45) ports *	1	Packaging data	
HDMI ports quantity *	1	Package width	335 mm
		Package depth	270 mm
		Package height	80 mm
		Package weight	2.4 kg
		Weight & dimensions	
		Width	305 mm
		Depth	244 mm
		Height	35 mm
		Packaging content	
		Cables included	SATA
		Batteries included	✓
		Bundled software	Norton Internet Security
		Technical details	
		Warranty period	3 year(s)



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