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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 * Processor socket *		AMD Socket AM5	HDMI version Headphone outputs	2.1 3
Compatible processor series *		AMD Ryzen 5 7th Gen, AMD Ryzen 7 7th Gen, AMD Ryzen 9 7th Gen	Microphone in WiFi-AP antenna jack	2
Supported processor sockets		Socket AM5	USB connector type	USB Type-A, USB Type-C
Maximum internal memory supported by processor		192 GB	Network	
Memory			Ethernet LAN	1
Supported memory types * Number of memory slots * Memory slots type Memory channels	DDR5-SDRAM 4 DIMM Dual-channel		Ethernet interface type Wi-Fi *	2.5 Gigabit Ethernet ✓ Wi-Fi 7 (802.11be)
Non-ECC			Top Wi-Fi standard	
Supported memory clock speeds Supported memory clock speed (max) Maximum internal memory *	4400,4800,5200,5000 MHz 192 GB	,0000,0200,0400,0000,0000,0000,7000,7200,7000,7200,0000	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 module capacities		12GB, 16GB, 32GB, 48GB	Bluetooth	v
Unbuffered memory			Bluetooth version	5.3
Storage controllers				5.5
Supported storage drive types		HDD & SSD	Features	
Supported storage drive interfaces *		M.2, PCI Express 5.0, SATA III	Motherboard chipset *	AMD X670
Number of HDDs supported		4	Audio output channels *	7.1 channels
Number of storage drives supported		8	Product colour	White
RAID support RAID levels		✓ 0, 1, 10	PC health monitoring	Fan, Temperature, Voltage, Water cooling
RAID IEVEIS		0, 1, 10	Component for *	PC
Graphics		Motherboard form factor *	ATX	
Parallel processing technology support *		Not supported	Motherboard chipset family *	AMD
Maximum resolution		4096 x 2160 pixels ✓ 12.0	Windows operating systems supported	Windows 11 x64
HDCP DirectX version			Expansion slots	
		12.0	PCI Express x16 slots	3
Internal I/O			Number of M.2 (M) slots	4
USB 2.0 connectors * USB 3.2 Gen 1 (3.1 Gen 1) connectors *		2	BIOS	
		2	BIOS type *	UEFI AMI





Internal I/O		BIOS	
USB 3.2 Gen 2x2 connectors Number of SATA III connectors * Front panel audio connector Front panel connector ATX Power connector (24-pin) CPU fan connector EPS power connector (8-pin) TPM connector 12V power connector		BIOS memory size ACPI version Clear CMOS jumper Clear CMOS button Desktop Management Interface (DMI) version System Management BIOS (SMBIOS) version Logistics data	256 Mbit 5.0 4 2.7 2.7
RGB LED pin header Rear panel I/O ports	V	Country of origin Products per shipping (inner) case	China 1 pc(s)
USB 2.0 ports quantity * USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * USB 3.2 Gen 2x2 Type-C ports quantity Ethernet LAN (RJ-45) ports *	4 4 3 1 1	Battery Battery weight Lithium weight per battery Number of battery cells Battery technology Battery type	3 g 0.07 g 1 Lithium-Manganese Dioxide (LiMnO2) CR2032
HDMI ports quantity *		Packaging data Package width Package depth Package height Package weight Weight & dimensions Width	335 mm 270 mm 80 mm 2.4 kg 305 mm
		Depth	244 mm

Height

Packaging content Cables included

Batteries included

Bundled software

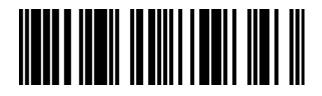
Technical details Warranty period 35 mm

SATA

3 year(s)

Norton Internet Security

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