GIGABYTE X670 GAMING X AX V2 Motherboard - Supports AMD Ryzen 7000 CPUs, 16+2+2 phases VRM, up to 8000MHz DDR5 (OC), 4xPCle 4.0 M.2, Wi-Fi 6E, 2.5GbE LAN, USB 3.2 Gen 2

Brand: GIGABYTE

Product code: X670 GAMING X AX

V2

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Socket AM5, AMD X670, 4 x DDR5, 1 x HDMI, WIFI, 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 * Processor socket *		AMD Socket AM5 AMD Ryzen™ 5, AMD Ryzen 7 7th	HDMI version Headphone outputs Microphone in	2.1
Compatible processor series *		Gen, AMD Ryzen 9 7th Gen	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	✓
Supported memory types * Number of memory slots * Memory slots type Memory channels Non-ECC	DDR5-SDRAM 4 DIMM Dual-channel		Ethernet interface type Wi-Fi * Top Wi-Fi standard	2.5 Gigabit Ethernet ✓ Wi-Fi 6E (802.11ax)
Supported memory clock speeds Supported memory clock speed	4400,4800,5600, MHz 8000 MHz	6000,6200,6400,6600,6800,7000,7200,7600,7800,8000	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)
(max) Maximum internal memory * Supported memory module capacities Unbuffered memory	192 GB	IGB, 12GB, 16GB, 32GB, 48GB	WLAN controller model Bluetooth Bluetooth version	Realtek RTL8852CE
Storage controllers			Features	
Supported storage drive types Supported storage drive interfaces * Number of HDDs supported Number of storage drives supported RAID support RAID levels		4	Motherboard chipset * Audio output channels * Product colour PC health monitoring Component for *	AMD X670 7.1 channels Black Fan, Temperature, Voltage, Water cooling PC
Graphics	Graphics			ATX
Parallel processing technology support * Maximum resolution		Not supported 4096 x 2160 pixels	Motherboard chipset family * Windows operating systems supported	AMD Windows 10 x64, Windows 11 x64
HDCP		✓	Expansion slots	
DirectX version		12.0	PCI Express x16 slots	3
Internal I/O		Number of M.2 (M) slots	4	
USB 2.0 connectors * 2		2	BIOS	
			BIOS type *	UEFI AMI

Internal I/O		BIOS	
USB 3.2 Gen 1 (3.1 Gen 1) connectors * USB 3.2 Gen 2 (3.1 Gen 2) 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	2 1 4	BIOS memory size ACPI version Clear CMOS jumper Clear CMOS button Desktop Management Interface (DMI) version System Management BIOS (SMBIOS) version Logistics data Country of origin	256 Mbit 5.0
12V power connector		Products per shipping (inner) case	1 pc(s)
RGB LED pin header	1	Battery	
Rear panel I/O ports 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	4	Battery weight Lithium weight per battery Number of battery cells	3 g 0.07 g 1
	2	Battery technology Battery type	Lithium-Manganese Dioxide (LiMnO2) CR2032
ports quantity * USB 3.2 Gen 2x2 Type-C ports		Packaging data	
quantity Ethernet LAN (RJ-45) ports * HDMI ports quantity *	1 1 1	Package width Package depth Package height Package weight	355 mm 270 mm 80 mm 2.15 kg
		Weight & dimensions	
		Width Depth Height	305 mm 244 mm 35 mm
		Packaging content	
		Cables included Batteries included Bundled software	SATA Norton Internet Security
		Technical details	
		Warranty period	3 year(s)





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