

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

**Brand :** Gigabyte

**Product code:** X670 GAMING X AX V2

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



Socket AM5, AMD X670, 4 x DDR5, 1 x HDMI, WIFI, ATX

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

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, 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 6E (802.11ax)
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)
Supported memory clock speeds	4400,4800,5600,6000,6200,6400,6600,6800,7000,7200,7600,7800,8000 MHz	WLAN controller model	Realtek RTL8852CE
Supported memory clock speed (max)	8000 MHz	Bluetooth	✓
Maximum internal memory *	192 GB	Bluetooth version	5.3
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 32GB, 48GB	Features	
Unbuffered memory	✓	Motherboard chipset *	AMD X670
Storage controllers		Audio output channels *	7.1 channels
Supported storage drive types	HDD & SSD	Product colour	Black
Supported storage drive interfaces *	M.2, SATA III	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Number of HDDs supported	4	Component for *	PC
Number of storage drives supported	8	Motherboard form factor *	ATX
RAID support	✓	Motherboard chipset family *	AMD
RAID levels	0, 1, 10	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Graphics		Expansion slots	
Parallel processing technology support *	Not supported	PCI Express x16 slots	3
Maximum resolution	4096 x 2160 pixels	Number of M.2 (M) slots	4
HDCP	✓	BIOS	
DirectX version	12.0	BIOS type *	UEFI AMI
Internal I/O			
USB 2.0 connectors *	2		

Internal I/O		BIOS	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	BIOS memory size	256 Mbit
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	ACPI version	5.0
Number of SATA III connectors *	4	Clear CMOS jumper	✓
Front panel audio connector	✓	Clear CMOS button	✓
Front panel connector	✓	Desktop Management Interface (DMI) version	2.7
ATX Power connector (24-pin)	✓	System Management BIOS (SMBIOS) version	2.7
CPU fan connector	✓	<b>Logistics data</b>	
EPS power connector (8-pin)	✓	Country of origin	China
TPM connector	✓	Products per shipping (inner) case	1 pc(s)
12V power connector	✓	<b>Battery</b>	
RGB LED pin header	✓	Battery weight	3 g
<b>Rear panel I/O ports</b>		Lithium weight per battery	0.07 g
USB 2.0 ports quantity *	4	Number of battery cells	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Battery type	CR2032
USB 3.2 Gen 2x2 Type-C ports quantity	1	<b>Packaging data</b>	
Ethernet LAN (RJ-45) ports *	1	Package width	355 mm
HDMI ports quantity *	1	Package depth	270 mm
		Package height	80 mm
		Package weight	2.15 kg
		<b>Weight &amp; dimensions</b>	
		Width	305 mm
		Depth	244 mm
		Height	35 mm
		<b>Packaging content</b>	
		Cables included	SATA
		Batteries included	✓
		Bundled software	Norton Internet Security
		<b>Technical details</b>	
		Warranty period	3 year(s)



4719331859398

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 07-MAY-2024. Prints or copies of Information are only valid on the printed Publication date