

Gigabyte X670 GAMING X AX V2 (rev. 1.0) AMD X670 Socket AM5 ATX

Brand : Gigabyte

Product code: X670 GAMING X AX V2

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- AMD Socket AM5 Supports AMD Ryzen™ 7000 Series Processors
 - Unparalleled Performance Twin 14*+2+2 Phases Digital VRM Solution
 - Dual Channel DDR5 4*SMD DIMMs with AMD EXPO™ & Intel® XMP Memory Module Support
 - Next Generation Storage 1*PCIe 5.0 x4 and 3*PCIe 4.0 x4 M.2 Connectors
 - Mega-Heatpipe & M.2 Thermal Guard To Ensure VRM Power Stability & 25110 PCIe 5.0 M.2 SSD Performance
 - EZ-Latch PCIe x16 Slot & M.2 Connectors with Quick Release & Screwless Design
 - Fast Networks 2.5GbE LAN & Wi-Fi 6E 802.11ax
 - Extended Connectivity HDMI, Dual USB-C® 20Gbps and Upcoming GIGABYTE USB4 AIC Support
 - Smart Fan 6 Features Multiple Temperature Sensors, Hybrid Fan Headers with FAN STOP
 - Q-Flash Plus Update BIOS Without Installing the CPU, Memory and Graphics Card
 - 7+7 phases parallel power design
- Socket AM5, AMD X670, 4 x DDR5, 1 x HDMI, WIFI, ATX



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Processor socket *	Socket AM5	USB 3.2 Gen 2x2 Type-C ports quantity	1
Compatible processor series *	AMD Ryzen™ 5, AMD Ryzen 7 7th Gen, AMD Ryzen 9 7th Gen	Ethernet LAN (RJ-45) ports *	1
Supported processor sockets	Socket AM5	HDMI ports quantity *	1
Memory		HDMI version	2.1
Supported memory types *	DDR5-SDRAM	Headphone outputs	3
Number of memory slots *	4	Microphone in	✓
Memory slots type	DIMM	WiFi-AP antenna jack	2
Memory channels	Dual-channel	USB connector type	USB Type-A, USB Type-C
Non-ECC	✓	Network	
Supported memory clock speeds	8000, 7800, 7600, 7200, 7000, 6800, 6666, 6600, 6400, 6200, 6000, 5600, 5200, 4800, 4400 MHz	Ethernet LAN	✓
Maximum internal memory *	192 GB	Ethernet interface type	2.5 Gigabit Ethernet
Unbuffered memory	✓	Wi-Fi *	✓
Storage controllers		Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Supported storage drive types	HDD & SSD	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 storage drive interfaces *	M.2, PCI Express 4.0, PCI Express 5.0, SATA III	WLAN controller model	Realtek RTL8852CE
Number of storage drives supported	8	Bluetooth	✓
RAID support	✓	Bluetooth version	5.3
RAID levels	0, 1, 10	Features	
Graphics		Motherboard chipset *	AMD X670
Parallel processing technology support *	Not supported	Audio output channels *	7.1 channels
Maximum resolution	4096 x 2160 pixels	PC health monitoring	Fan, Temperature, Voltage, Water cooling
HDCP	✓	Component for *	PC
		Motherboard form factor *	ATX

Internal I/O		Features	
USB 2.0 connectors *	2	Motherboard chipset family *	AMD
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Windows operating systems supported	Windows 10 x64, Windows 11 x64
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Expansion slots	
Number of SATA III connectors *	4	PCI Express x16 slots	3
Front panel audio connector	✓	Number of M.2 (M) slots	4
Front panel connector	✓	BIOS	
ATX Power connector (24-pin)	✓	BIOS type *	UEFI AMI
CPU fan connector	✓	BIOS memory size	256 Mbit
EPS power connector (8-pin)	✓	ACPI version	5.0
TPM connector	✓	Clear CMOS jumper	✓
12V power connector	✓	Clear CMOS button	✓
RGB LED pin header	✓	Desktop Management Interface (DMI) version	2.7
Rear panel I/O ports		System Management BIOS (SMBIOS) version	2.7
USB 2.0 ports quantity *	4	Weight & dimensions	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6	Width	305 mm
		Depth	244 mm
		Packaging content	
		Cables included	SATA
		Bundled software	Norton Internet Security



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Publication date: 11-DEC-2023. Prints or copies of Information are only valid on the printed Publication date