

GIGABYTE X870E AORUS PRO X3D Motherboard

Brand : GIGABYTE

Product code: X870E A PRO X

Product name : X870E AORUS PRO X3D Motherboard

Supports AMD Ryzen 9000 CPUs, 18+2+2 Phases Digital VRM, up to 9000Hz DDR5 (OC), 2xPCIe 5.0 + 2xPCIe 4.0, Wi-Fi 7, 5GbE LAN, USB 4

GIGABYTE X870E AORUS PRO X3D Motherboard:

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		Network	
Processor manufacturer *	AMD	Ethernet LAN	✓
Processor socket *	Socket AM5	Ethernet interface type	2.5 Gigabit Ethernet, 5 Gigabit Ethernet, Fast Ethernet, Gigabit Ethernet
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	LAN controller	Realtek RTL8126
Supported processor sockets	Socket AM5	Wi-Fi *	✓
Memory		Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Supported memory types *	DDR5-SDRAM	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)
Number of memory slots *	4		
Memory slots type	DIMM	WLAN controller model	Qualcomm QCNCM865
Memory channels	Dual-channel		
ECC compatibility	Non-ECC	Bluetooth	✓
Supported memory clock speeds	9000,8800,8600,8400,8200,8000,7800,7600,7200,7000,6800,6600,6400,6200,6000,5600,5200,4800 MHz	Bluetooth version	5.4
Supported memory clock speed (max)	9000 MHz	Features	
Maximum internal memory *	256 GB	Motherboard chipset *	AMD X870E
Unbuffered memory	✓	Audio chip	Realtek ALC1220
Maximum internal memory per slot	64 GB	Audio output channels *	7.1 channels
Storage controllers		Product colour	Black
Supported storage drive types	HDD & SSD	PC health monitoring	CPU, Fan, Temperature, Voltage, Water cooling
Supported storage drive interfaces *	M.2, PCI Express 4.0, 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	✓	Cooling type	Passive
RAID levels	0, 1, 5, 10	Power source type	ATX
Graphics		Windows operating systems supported	Windows 11 x64
Parallel processing technology support *	Not supported	Expansion slots	
Maximum resolution	4096 x 2160 pixels	PCI Express x16 (Gen 3.x) slots	1
HDCP	✓		
HDCP version	2.3		
DirectX version	12.0		

Internal I/O		Expansion slots	
USB 2.0 connectors *	2	PCI Express x16 (Gen 4.x) slots	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	PCI Express x16 (Gen 5.x) slots	1
USB 3.2 Gen 2x2 connectors	1	Number of M.2 (M) slots	4
Number of SATA III connectors *	4	1st M.2 largest key size	25110
Front panel audio connector	✓	1st M.2 highest PCI Express generation	5.0
Front panel connector	✓	2nd M.2 largest key size	22110
ATX Power connector (24-pin)	✓	2nd M.2 highest PCI Express generation	5.0
CPU fan connector	✓	3rd M.2 largest key size	22110
Number of CPU fan connectors	2	3rd M.2 highest PCI Express generation	4.0
Number of chassis fan connectors	6	4th M.2 largest key size	22110
EPS power connector (8-pin)	✓	4th M.2 highest PCI Express generation	4.0
Number of EPS power connectors (8-pin)	2		
TPM connector	✓		
Number of water pump connectors	3		
Number of temperature sensor headers	2		
Number of noise detection headers	1		
RGB LED pin header	✓		
Number of RGB LED pin headers	4		
Rear panel I/O ports		BIOS	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	BIOS type *	UEFI AMI
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	5	BIOS memory size	512 Mbit
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	2	ACPI version	5.0
USB4 Gen 2x2 ports quantity	2	Clear CMOS jumper	✓
Ethernet LAN (RJ-45) ports *	1	Clear CMOS button	✓
HDMI ports quantity *	1	Desktop Management Interface (DMI) version	2.7
HDMI version	2.1	System Management BIOS (SMBIOS) version	2.7
DisplayPort version	1.4		
Headphone outputs	1		
Line-in	✓		
S/PDIF out port	✓		
Digital audio optical out	1		
WiFi-AP antenna jack	2		
		Logistics data	
		Country of origin	Taiwan
		Products per shipping (inner) case	1 pc(s)
		Battery	
		Battery weight	3 g
		Lithium weight per battery	0.07 g
		Number of battery cells	1
		Battery capacity	220 mAh
		Battery technology	Lithium-Manganese Dioxide (LiMnO2)
		Battery type	CR2032
		Packaging data	
		Package width	345 mm
		Package depth	294 mm
		Package height	80 mm
		Package weight	4.25 kg
		Weight & dimensions	
		Width	305 mm
		Depth	244 mm
		Height	35 mm
		Packaging content	
		Batteries included	✓
		Antenna included	✓
		Screws included	✓
		Other features	
		Weight	3.73 kg
		Technical details	
		Warranty period	3 year(s)



4719331878603



0889523053164



889523053164



0889523056035



889523056035

Catalog Object Cloud



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. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.