

## GIGABYTE X870E AERO X3D WOOD Motherboard - Supports AMD Ryzen 9000 CPUs, 16+2+2 Phases Digital VRM, up to 9000Hz DDR5 (OC), 2xPCIe 5.0 + 2xPCIe 4.0, Wi-Fi 7, 5GbE LAN, USB 4

Brand : GIGABYTE

Product code: X870E AERO X WOOD

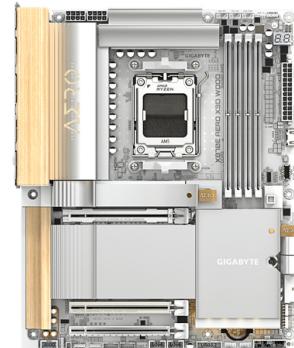


**Product name :** X870E AERO X3D WOOD Motherboard - Supports AMD Ryzen 9000 CPUs, 16+2+2 Phases Digital VRM, up to 9000Hz DDR5 (OC), 2xPCIe 5.0 + 2xPCIe 4.0, Wi-Fi 7, 5GbE LAN, USB 4

X870E AERO X3D WOOD Motherboard - Supports AMD Ryzen 9000 CPUs, 16+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 AERO X3D WOOD Motherboard - Supports AMD Ryzen 9000 CPUs, 16+2+2 Phases Digital VRM, up to 9000Hz DDR5 (OC), 2xPCIe 5.0 + 2xPCIe 4.0, Wi-Fi 7, 5GbE LAN, USB 4:

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	WiFi-AP antenna jack	2
Processor socket *	Socket AM5	Network	
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	Ethernet LAN	✓
Supported processor sockets	Socket AM5	Ethernet interface type	2.5 Gigabit Ethernet, 5 Gigabit Ethernet, Fast Ethernet, Gigabit Ethernet
Memory		LAN controller	Realtek RTL8126
Supported memory types *	DDR5-SDRAM	Wi-Fi *	✓
Number of memory slots *	4	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Memory slots type	DIMM	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)
ECC compatibility	Non-ECC	WLAN controller model	MediaTek MT7927
Supported memory clock speeds	9000,8800,8600,8400,8000,7800,7600,7200,7000,6800,6600,6400,6200,6000,5600,5200,4800,4400 MHz	Bluetooth	✓
Supported memory clock speed (max)	9000 MHz	Bluetooth version	5.4
Maximum internal memory *	256 GB	Features	
Unbuffered memory	✓	Motherboard chipset *	AMD X870E
Maximum internal memory per slot	64 GB	Audio chip	Realtek ALC1220-VB
Storage controllers		Audio output channels *	7.1 channels
Supported storage drive types	HDD & SSD	Product colour	White
Supported storage drive interfaces *	M.2, PCI Express 5.0, 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, 5, 10	Cooling type	Passive
Graphics		Power source type	ATX
Parallel processing technology support *	Not supported	Windows operating systems supported	Windows 11 x64
On-board graphics card	✗		
Maximum resolution	4096 x 2160 pixels		
HDCP	✓		
HDCP version	2.3		
DirectX version	12.0		

<b>Internal I/O</b>		<b>Expansion slots</b>	
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	2
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	2580
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	✓		
12V power connector	✓	<b>BIOS</b>	
Number of water pump connectors	2	BIOS type *	UEFI AMI
Number of temperature sensor headers	2	BIOS memory size	256 Mbit
Number of noise detection headers	1	ACPI version	5.0
RGB LED pin header	✓	Clear CMOS jumper	✓
Number of RGB LED pin headers	4	Clear CMOS button	✓
<b>Rear panel I/O ports</b>		Desktop Management Interface (DMI) version	2.7
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	System Management BIOS (SMBIOS) version	2.7
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	5		
USB 3.2 Gen 2x2 Type-C ports quantity	1	<b>Logistics data</b>	
USB4 Gen 2x2 ports quantity	2	Products per shipping (inner) case	1 pc(s)
Ethernet LAN (RJ-45) ports *	2		
HDMI ports quantity *	1	<b>Battery</b>	
HDMI version	2.1	Battery weight	3 g
DisplayPort version	1.4	Lithium weight per battery	0.07 g
Headphone outputs	1	Number of battery cells	1
Microphone in	✓	Battery capacity	220 mAh
S/PDIF out port	✓	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Digital audio optical out	1	Battery type	CR2032
		<b>Packaging data</b>	
		Package width	341 mm
		Package depth	306 mm
		Package height	89 mm
		Package weight	3.67 kg
		<b>Weight &amp; dimensions</b>	
		Width	305 mm
		Depth	244 mm
		Height	35 mm
		<b>Packaging content</b>	
		Batteries included	✓
		Antenna included	✓
		Screws included	✓
		Bundled software	Norton® Internet Security (OEM version)
		<b>Other features</b>	
		Weight	3.17 kg
		<b>Technical details</b>	
		Warranty period	3 year(s)



4719331878481

### 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.