## GIGABYTE X870 AORUS ELITE WIFI7 ICE AMD X870 Enchufe AM5

Marca: GIGABYTE

Código del producto: X870 A ELITE

Nombre del producto: X870 AORUS ELITE WIFI7 ICE Placa Base - Compatible con CPUs AMD Ryzen 9000, 16+2+2 fases VRM digital, hasta 8200MHz DDR5 (OC), 3xPCle 5.0 + 1xPCle 4.0, Wi-Fi 7, LAN 2.5GbE, USB 4



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Processor			Network	
Processor manufacturer *		AMD	Ethernet LAN	✓
Processor socket *		Socket AM5	Ethernet interface type	2.5 Gigabit Ethernet
		AMD Ryzen 7000 Series, AMD Ryzen	LAN controller	Realtek RTL8125
Compatible processor series *		8000 Series, AMD Ryzen 9000 Series	Wi-Fi *	✓
Supported processor sockets		Socket AM5	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Maximum internal memory supported by processor		256 GB	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),
Memory Supported memory types *	DDR5-SDRAM			Wi-Fi 7 (802.11be)
Number of memory slots * Memory slots type	4 DIMM		WLAN controller model	MediaTek MT7925
Memory channels	Dual-channel		Bluetooth	✓
ECC compatibility Supported memory clock speeds		000,6200,6400,6600,6666,6800,7000,7200,7600,7800,8000,8200	Bluetooth version	5.4
Supported memory clock speed (max)	MHz 8200 MHz		Features	
Maximum internal memory * Unbuffered memory	256 GB ✓		Motherboard chipset *	AMD X870
Maximum internal memory per slot			Audio chip	Realtek ALC1220
Storage controllers			Audio output channels *	7.1 channels
Supported storage drive types		HDD & SSD	Product colour	White
Supported storage drive interfaces *			PC health monitoring	Fan, Noise, Temperature, Voltage, Water cooling
Number of HDDs supported		4	Component for *	PC
Number of storage drives supported			Motherboard form factor *	ATX
RAID support		·	Motherboard chipset family *	AMD
RAID levels		0, 1, 10	Windows operating systems supported	Windows 11 x64
Graphics				
Parallel processing technology support *		Not supported	Expansion slots	
	ard	1	PCI Express x16 (Gen 3.x) slots	1
On-board graphics card  Maximum resolution		4096 x 2160 pixels	PCI Express x16 (Gen 4.x) slots	1
		·	PCI Express x16 (Gen 5.x) slots	1
HDCP		<b>✓</b>	Number of M.2 (M) slots	4

Granhics		Expansion slots	
Graphics Directly version 13.0			25110
DirectX version	12.0	1st M.2 largest key size 1st M.2 highest PCI Express	25110
Discrete graphics support	<b>✓</b>	generation	5.0
Number of displays supported On-board graphics card model	4 AMD Radeon Graphics	2nd M.2 largest key size	22110
	AND Radeon Graphics	2nd M.2 highest PCI Express	5.0
Internal I/O		generation	
USB 2.0 connectors *	2	3rd M.2 largest key size 3rd M.2 highest PCI Express	22110
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	generation	5.0
USB 3.2 Gen 2x2 connectors	1	4th M.2 largest key size	22110
Number of SATA III connectors *	4	4th M.2 highest PCI Express	4.0
Total number of SATA connectors	4	generation	
Front panel audio connector	✓	BIOS	
Front panel connector	✓	BIOS type *	UEFI AMI
ATX Power connector (24-pin)	✓	BIOS memory size	256 Mbit
CPU fan connector	<b>✓</b>	ACPI version	5.0
Number of CPU fan connectors	2	Clear CMOS jumper	<b>/</b>
Number of chassis fan connectors	6	Clear CMOS button	•
EPS power connector (8-pin)	✓	Desktop Management Interface (DMI) version	2.7
Number of EPS power connectors (8-pin)	2	System Management BIOS (SMBIOS) version	2.7
TPM connector	•	Logistics data	
12V power connector	<b>✓</b>	Country of origin	China
Number of water pump connectors	3	Products per shipping (inner) case	1 pc(s)
RGB LED pin header		Battery	1 77
Number of RGB LED pin headers	4	•	2 ~
Danuary 11/0 marks		Battery weight	3 g
Rear panel I/O ports		Lithium weight per battery	0.07 a
USB 2.0 ports quantity *	4	Lithium weight per battery Number of battery cells	0.07 g 1
USB 2.0 ports quantity * USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Lithium weight per battery Number of battery cells Battery technology	
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		Number of battery cells	1 Lithium-Manganese Dioxide
USB 2.0 ports quantity * USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Number of battery cells Battery technology	1 Lithium-Manganese Dioxide (LiMnO2)
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 ports quantity *	2	Number of battery cells Battery technology Battery type	1 Lithium-Manganese Dioxide (LiMnO2)
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 ports quantity * USB4 Gen 3x2 ports quantity	<ul><li>4</li><li>2</li><li>2</li></ul>	Number of battery cells  Battery technology  Battery type  Packaging data	1 Lithium-Manganese Dioxide (LiMnO2) CR2032
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 ports quantity * USB4 Gen 3x2 ports quantity HDMI ports quantity *	4 2 2 1 2.1 1.4	Number of battery cells  Battery technology  Battery type  Packaging data  Package width	1 Lithium-Manganese Dioxide (LiMnO2) CR2032
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 ports quantity * USB4 Gen 3x2 ports quantity HDMI ports quantity * HDMI version DisplayPort version Headphone outputs	4 2 2 1 2.1 1.4	Number of battery cells  Battery technology  Battery type  Packaging data  Package width  Package depth	1 Lithium-Manganese Dioxide (LiMnO2) CR2032
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 ports quantity * USB4 Gen 3x2 ports quantity HDMI ports quantity * HDMI version DisplayPort version Headphone outputs Microphone in	4 2 2 1 2.1 1.4 1	Number of battery cells  Battery technology  Battery type  Packaging data  Package width  Package depth  Package height	1 Lithium-Manganese Dioxide (LiMnO2) CR2032 335 mm 270 mm 80 mm
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 ports quantity * USB4 Gen 3x2 ports quantity HDMI ports quantity * HDMI version DisplayPort version Headphone outputs Microphone in S/PDIF out port	4 2 2 1 2.1 1.4 1	Number of battery cells  Battery technology  Battery type  Packaging data  Package width  Package depth  Package height  Package weight	1 Lithium-Manganese Dioxide (LiMnO2) CR2032 335 mm 270 mm 80 mm
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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 ports quantity * USB4 Gen 3x2 ports quantity HDMI ports quantity * HDMI version DisplayPort version Headphone outputs Microphone in S/PDIF out port	4 2 2 1 2.1 1.4 1	Number of battery cells  Battery technology  Battery type  Packaging data  Package width  Package depth  Package height  Package weight  Weight & dimensions  Width	1 Lithium-Manganese Dioxide (LiMnO2) CR2032 335 mm 270 mm 80 mm 2.74 kg
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 ports quantity * USB4 Gen 3x2 ports quantity HDMI ports quantity * HDMI version DisplayPort version Headphone outputs Microphone in S/PDIF out port	4 2 2 1 2.1 1.4 1	Number of battery cells  Battery technology  Battery type  Packaging data  Package width  Package depth  Package height  Package weight  Weight & dimensions  Width  Depth	1 Lithium-Manganese Dioxide (LiMnO2) CR2032 335 mm 270 mm 80 mm 2.74 kg
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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 ports quantity * USB4 Gen 3x2 ports quantity HDMI ports quantity * HDMI version DisplayPort version Headphone outputs Microphone in S/PDIF out port	4 2 2 1 2.1 1.4 1	Number of battery cells Battery technology Battery type Packaging data Package width Package depth Package height Package weight Weight & dimensions Width Depth Height Packaging content Batteries included	1 Lithium-Manganese Dioxide (LiMnO2) CR2032  335 mm 270 mm 80 mm 2.74 kg  305 mm 244 mm 35 mm
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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 ports quantity * USB4 Gen 3x2 ports quantity HDMI ports quantity * HDMI version DisplayPort version Headphone outputs Microphone in S/PDIF out port	4 2 2 1 2.1 1.4 1	Number of battery cells Battery technology Battery type  Packaging data Package width Package depth Package height Package weight  Weight & dimensions  Width Depth Height Packaging content  Batteries included Antenna included Screws included	1 Lithium-Manganese Dioxide (LiMnO2) CR2032  335 mm 270 mm 80 mm 2.74 kg  305 mm 244 mm 35 mm  V V Norton® Internet Security (OEM version) LAN bandwidth
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 ports quantity * USB4 Gen 3x2 ports quantity HDMI ports quantity * HDMI version DisplayPort version Headphone outputs Microphone in S/PDIF out port	4 2 2 1 2.1 1.4 1	Number of battery cells Battery technology Battery type  Packaging data Package width Package depth Package height Package weight  Weight & dimensions  Width Depth Height  Packaging content Batteries included Antenna included Screws included  Bundled software	1 Lithium-Manganese Dioxide (LiMnO2) CR2032  335 mm 270 mm 80 mm 2.74 kg  305 mm 244 mm 35 mm  V V Norton® Internet Security (OEM version) LAN bandwidth
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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 ports quantity * USB4 Gen 3x2 ports quantity HDMI ports quantity * HDMI version DisplayPort version Headphone outputs Microphone in S/PDIF out port	4 2 2 1 2.1 1.4 1	Number of battery cells Battery technology Battery type  Packaging data Package width Package depth Package height Package weight  Weight & dimensions  Width Depth Height  Packaging content Batteries included Antenna included Screws included Bundled software  Other features  Weight	1 Lithium-Manganese Dioxide (LiMnO2) CR2032  335 mm 270 mm 80 mm 2.74 kg  305 mm 244 mm 35 mm   V V V Norton® Internet Security (OEM version) LAN bandwidth management software





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