

GIGABYTE X870 AORUS ELITE WIFI7 ICE Motherboard - Supports AMD Ryzen 9000 CPUs, 16+2+2 Phases Digital VRM, up to 8200MHz DDR5 (OC), 3xPCIe 5.0 + 1xPCIe 4.0, Wi-Fi 7, 2.5GbE LAN, USB 4



Brand : GIGABYTE

Product code: X870 A ELITE WF7 ICE

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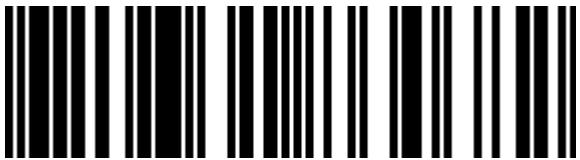
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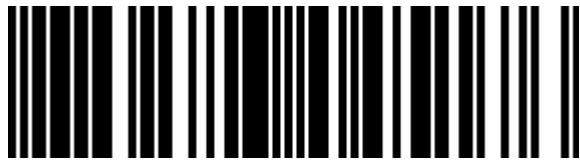
Elevate your computing experience with GIGABYTE's renowned motherboard series: AORUS, AERO, and GIGABYTE. Featuring innovative designs and advanced features, these boards offer exceptional performance and reliability. Whether you're a gamer, content creator, or professional, our series cater to your needs, ensuring uncompromising quality and cutting-edge

Processor		Network		
Processor manufacturer *	AMD	Ethernet LAN	✓	
Processor socket *	Socket AM5	Ethernet interface type	2.5 Gigabit Ethernet	
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	LAN controller	Realtek RTL8125	
Supported processor sockets	Socket AM5	Wi-Fi *	✓	
Maximum internal memory supported by processor	256 GB	Top Wi-Fi standard	Wi-Fi 7 (802.11be)	
Memory		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)	
Supported memory types *	DDR5-SDRAM	WLAN controller model	MediaTek MT7925	
Number of memory slots *	4	Bluetooth	✓	
Memory slots type	DIMM	Bluetooth version	5.4	
Memory channels	Dual-channel			
ECC compatibility	Non-ECC			
Supported memory clock speeds	4400, 4800, 5200, 5600, 6000, 6200, 6400, 6600, 6666, 6800, 7000, 7200, 7600, 7800, 8000, 8200 MHz			
Supported memory clock speed (max)	8200 MHz			
Maximum internal memory *	256 GB			
Unbuffered memory	✓			
Maximum internal memory per slot	64 GB			
Storage controllers		Features		
Supported storage drive types	HDD & SSD	Motherboard chipset *	AMD X870	
Supported storage drive interfaces *	M.2	Audio chip	Realtek ALC1220	
Number of HDDs supported	4	Audio output channels *	7.1 channels	
Number of storage drives supported	8	Product colour	White	
RAID support	✓	PC health monitoring	Fan, Noise, Temperature, Voltage, Water cooling	
RAID levels	0, 1, 10	Component for *	PC	
Graphics		Motherboard form factor *	ATX	
Parallel processing technology support *	Not supported	Motherboard chipset family *	AMD	
On-board graphics card	✓	Windows operating systems supported	Windows 11 x64	
Expansion slots				
Maximum resolution	4096 x 2160 pixels	PCI Express x16 (Gen 3.x) slots	1	
HDCP	✓	PCI Express x16 (Gen 4.x) slots	1	
DirectX version	12.0	PCI Express x16 (Gen 5.x) slots	1	
		Number of M.2 (M) slots	4	
		1st M.2 largest key size	25110	

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



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Catalog Object Cloud



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