GIGABYTE X870E AORUS ELITE WIFI7 Motherboard - Supports AMD Ryzen 9000 CPUs, 16+2+2 Phases Digital VRM, up to 8000Hz DDR5 (OC), 3xPCle 5.0 + 1xPCle 4.0, Wi-Fi 7, 2.5GbE LAN, USB 4

Brand: GIGABYTE Product code: X870E A ELITE WIFI7

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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	LAN controller	Realtek RTL8125
Processor socket *		Socket AM5	Wi-Fi *	✓
Compatible processor series *		AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
			Wi-Fi standards	Wi-Fi 7 (802.11be)
Supported processor sockets		Socket AM5	WLAN controller model	MediaTek MT7925
Maximum internal memory supported by processor		256 GB	Bluetooth	✓
			Bluetooth version	5.4
Memory			Features	
	DDR5-SDRAM 4		Motherboard chipset *	AMD X870E
Memory slots type Memory channels	DIMM Dual-channel		Audio chip	Realtek ALC1220
ECC compatibility	Non-ECC	00 5000 5400 5500 5555 5000 7000 7000 7500 7600 7000 0000 0	Audio output channels *	7.1 channels
Supported memory clock speeds	MHz	00,6200,6400,6600,6666,6800,7000,7200,7600,7800,8000,8200	Product colour	Black
Supported memory clock speed max)	8200 MHz		PC health monitoring	
Maximum internal memory * Supported memory module	256 GB 1GB, 2GB, 4GB, 8GB, 16G	R 24GR 32GR	•	CPU, Fan, Temperature, Voltage PC
capacities Jnbuffered memory	✓	5, 2105, 3205	Component for * Motherboard form factor *	ATX
Maximum internal memory per slot	64 GB			
Storage controllers			Motherboard chipset family *	AMD
Supported storage drive types HDD & SSD			Windows operating systems supported	Windows 11 x64
Supported storage drive interfaces * M.2, SATA III		Expansion slots		
		4	PCI Express x4 slots	2
Number of storage drives supported			PCI Express x16 (Gen 3.x) slots	1
RAID support		0, 1, 10	PCI Express x16 (Gen 4.x) slots	1
RAID levels			PCI Express x16 (Gen 5.x) slots	1
Graphics			Number of M.2 (M) slots	4
Parallel processing technology support *		Not supported	1st M.2 largest key size	25110
			1st M.2 highest PCI Express	5.0
On-board graphics card		×	generation	3.0
DirectX version		12.0	2nd M.2 largest key size	22110

Internal I/O		Expansion slots	
USB 2.0 connectors * USB 3.2 Gen 1 (3.1 Gen 1)	2	2nd M.2 highest PCI Express generation	5.0
connectors *	2	3rd M.2 largest key size	22110
USB 3.2 Gen 2x2 connectors Number of SATA III connectors *	1	3rd M.2 highest PCI Express generation	5.0
Front panel audio connector	·	4th M.2 largest key size	22110
Front panel connector	✓	4th M.2 highest PCI Express generation	4.0
ATX Power connector (24-pin)	✓	BIOS	
CPU fan connector	✓	BIOS type *	UEFI AMI
Number of CPU fan connectors	2	**	256 Mbit
Number of chassis fan connectors	4	BIOS memory size ACPI version	5.0
EPS power connector (8-pin)	✓		
Number of EPS power connectors	2	Clear CMOS jumper	✓
(8-pin)	2	Clear CMOS button	✓
TPM connector Number of water pump connectors	√ 2	Desktop Management Interface (DMI) version	2.7
RGB LED pin header	∠ ✓	System Management BIOS (SMBIOS) version	2.7
Number of RGB LED pin headers	4	(SMBIOS) Version	
·	4	Logistics data	
Rear panel I/O ports		Country of origin	China
USB 2.0 ports quantity *	4	Products per shipping (inner) case	1 pc(s)
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Battery	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A	2	Battery weight	3 g
ports quantity *	2	Lithium weight per battery	0.07 g
USB4 Gen 2x2 ports quantity	2	Number of battery cells	1
Ethernet LAN (RJ-45) ports * HDMI ports quantity *	1	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
HDMI version	2.1	Battery type	CR2032
DisplayPort version	1.4	Packaging data	
Headphone outputs	1	Package width	345 mm
Microphone in	✓	Package depth	294 mm
S/PDIF out port	✓	Package height	80 mm
WiFi-AP antenna jack	2	Package weight	2.74 kg
·	_		
Network		Weight & dimensions	
Ethernet LAN	✓	Width	305 mm
Ethernet interface type	2.5 Gigabit Ethernet	Depth	244 mm
		Height	35 mm
		Packaging content	
		Batteries included	✓
		Antenna included	✓
		Screws included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
		Other features	
		Weight	2.4 kg
		Technical details	
			3 year(s)
		Warranty period	3 year(s)





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Catalog Object Cloud



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