

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

**Brand :** GIGABYTE

**Product code:** X870E A ELITE WIFI7

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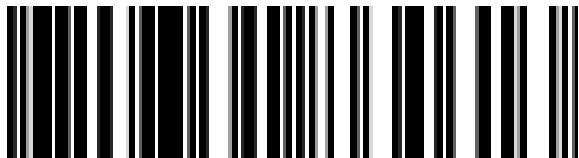
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Elevate your computing experience with GIGABYTE's renowned motherboard series: AORUS, AERO, and GIGABYTE. Featuring innovative designs and advanced features, these boards offer exceptional performance and reliability. Whether you're a gamer, content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



Processor		Network	
Processor manufacturer *	AMD	Wi-Fi *	✓
Processor socket *	Socket AM5	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Compatible processor series *	AMD Ryzen™ 7	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	Features	
Memory		Motherboard chipset *	AMD X870E
Supported memory types *	DDR5-SDRAM	Audio chip	Realtek ALC1220
Number of memory slots *	4	Audio output channels *	7.1 channels
Memory slots type	DIMM	Product colour	Black
Memory channels	Dual-channel	PC health monitoring	CPU, Fan, Temperature, Voltage
Supported memory clock speeds	4400, 4800, 5200, 5600, 6000, 6200, 6400, 6600, 6666, 6800, 7000, 7200, 7600, 7800, 8000 MHz	Component for *	PC
Supported memory clock speed (max)	8000 MHz	Motherboard form factor *	ATX
Maximum internal memory *	256 GB	Motherboard chipset family *	AMD
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 16GB, 24GB, 32GB	Windows operating systems supported	Windows 11 x64
Storage controllers		Expansion slots	
Supported storage drive types	HDD & SSD	PCI Express x4 slots	2
Supported storage drive interfaces *	M.2, SATA III	PCI Express x16 (Gen 5.x) slots	1
Number of HDDs supported	8	Number of M.2 (M) slots	4
Number of storage drives supported	4	BIOS	
RAID support	✓	BIOS type *	UEFI AMI
RAID levels	0, 1, 10	BIOS memory size	256 Mbit
Graphics		ACPI version	5.0
DirectX version	12.0	Clear CMOS jumper	✓
Internal I/O		Clear CMOS button	✓
USB 2.0 connectors *	2	Desktop Management Interface (DMI) version	2.7
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	System Management BIOS (SMBIOS) version	2.7
USB 3.2 Gen 2x2 connectors	1	Logistics data	
Number of SATA III connectors *	4	Country of origin	China
Total number of SATA connectors	4	Products per shipping (inner) case	1 pc(s)
ATX Power connector (24-pin)	✓		
CPU fan connector	✓		
EPS power connector (8-pin)	✓		

Rear panel I/O ports		Battery	
USB 2.0 ports quantity *	2	Battery weight	3 g
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Lithium weight per battery	0.07 g
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Number of battery cells	1
USB4 Gen 2x2 ports quantity	2	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Ethernet LAN (RJ-45) ports *	1	Battery type	CR2032
HDMI ports quantity *	1	Packaging data	
DisplayPorts quantity	2	Package width	345 mm
Microphone in	✓	Package depth	294 mm
S/PDIF out port	✓	Package height	80 mm
Network		Package weight	2.74 kg
Ethernet LAN	✓	Weight & dimensions	
Ethernet interface type	2.5 Gigabit Ethernet	Width	305 mm
		Depth	244 mm
		Height	35 mm
		Packaging content	
		Batteries included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
		Other features	
		Weight	2.4 kg
		Technical details	
		Warranty period	3 year(s)



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