

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

Brand : GIGABYTE

Product code: X870E AORUS PRO ICE

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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 interface type	2.5 Gigabit Ethernet
Processor socket *	Socket AM5	Wi-Fi *	✓
Compatible processor series *	AMD Ryzen™ 7	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Supported processor sockets	Socket AM5	Wi-Fi standards	Wi-Fi 7 (802.11be)
Maximum internal memory supported by processor	256 GB	WLAN controller model	Qualcomm QCNCM865
Memory		Features	
Supported memory types *	DDR5-SDRAM	Motherboard chipset *	AMD X870E
Number of memory slots *	4	Audio chip	Realtek ALC1220
Memory slots type	DIMM	Audio output channels *	7.1 channels
Memory channels	Dual-channel	Product colour	White
Non-ECC	✓	PC health monitoring	Fan, Temperature, Voltage
Supported memory clock speeds	4400,4800,5600,6000,6200,6400,6600,6800,7000,7600,7800,8000 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, 12GB, 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
On-board graphics card	✗	Clear CMOS jumper	✓
DirectX version	12.0	Clear CMOS button	✓
Internal I/O		Desktop Management Interface (DMI) version	2.7
USB 2.0 connectors *	2	System Management BIOS (SMBIOS) version	2.7
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Logistics data	
USB 3.2 Gen 2x2 connectors	1	Country of origin	China
Number of SATA III connectors *	4		
Total number of SATA connectors	4		

Internal I/O		Logistics data	
ATX Power connector (24-pin)	✓	Products per shipping (inner) case	1 pc(s)
EPS power connector (8-pin)	✓	Battery	
RGB LED pin header	✓	Battery weight	3 g
Rear panel I/O ports		Lithium weight per battery	0.07 g
USB 2.0 ports quantity *	2	Number of battery cells	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3	Battery type	CR2032
USB4 Gen 2x2 ports quantity	2	Packaging data	
Ethernet LAN (RJ-45) ports *	1	Package width	345 mm
HDMI ports quantity *	1	Package depth	294 mm
DisplayPorts quantity	2	Package height	80 mm
Microphone in	✓	Package weight	2.74 kg
S/PDIF out port	✓	Weight & dimensions	
Network		Width	305 mm
Ethernet LAN	✓	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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