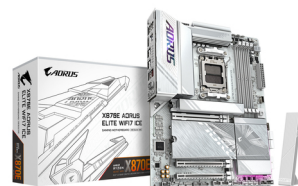


GIGABYTE X870E AORUS ELITE WIFI7 ICE Motherboard

Brand : GIGABYTE

Product code: X870E A ELITE WF7 ICE

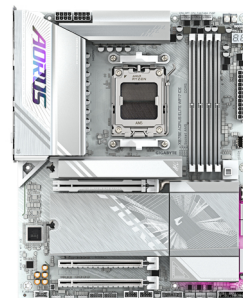
Product name : X870E AORUS ELITE WIFI7 ICE
Motherboard



- AMD Socket AM5: Supports AMD Ryzen 9000 Series, 8000 Series, 7000 Series Processors
 - Twin 16+2+2 Phases Digital VRM with DrMOS
 - Dual Channel DDR5: 4*DIMMs with AMD EXPO Memory Module Support
 - PCIe Gen5 x16 with PCIe UD Slot X & EZ-Latch Plus
 - Ultra-Fast Storage: 4*M.2 slots, including 3* PCIe 5.0 x4
 - Efficient Thermal: VRM Thermal Armor Advanced & M.2 Thermal Guard L
 - Extended Connectivity: Dual USB4 Type-C with DP-Alt, HDMI
 - Fast Networking: 2.5GbE LAN & Wi-Fi 7 with directional Ultra-high gain antenna
- Supports AMD Ryzen 9000 CPUs, 16+2+2 Phases Digital VRM, up to 8200Hz DDR5 (OC), 3xPCIe 5.0 + 1xPCIe 4.0, Wi-Fi 7, 2.5GbE LAN, USB 4

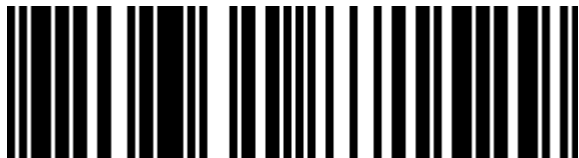
GIGABYTE X870E AORUS ELITE WIFI7 ICE Motherboard:

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)
Supported processor sockets	Socket AM5	Wi-Fi standards	Wi-Fi 7 (802.11be)
Memory		WLAN controller model	Realtek RTL8922AE
		Bluetooth	✓
		Bluetooth version	5.4
		Features	
		Motherboard chipset *	AMD X870E
Supported memory types *	DDR5-SDRAM	Audio chip	Realtek ALC1220-VB
Number of memory slots *	4	Audio output channels *	7.1 channels
Memory slots type	DIMM	Product colour	White
Memory channels	Dual-channel	PC health monitoring	Fan, Temperature, Voltage, Water cooling
ECC compatibility	Non-ECC	Component for *	PC
Supported memory clock speeds	8200,8000,7800,7600,7200,7000,6800,6666,6600,6400,6200,6000,5600,5200,4800,4400 MHz	Motherboard form factor *	ATX
Supported memory clock speed (max)	8200 MHz	Motherboard chipset family *	AMD
Maximum internal memory *	256 GB	Cooling type	Passive
Unbuffered memory	✓	Power source type	ATX
Maximum internal memory per slot	64 GB	Windows operating systems supported	Windows 11 x64
Storage controllers		Expansion slots	
Supported storage drive types	HDD & SSD	PCI Express x16 (Gen 3.x) slots	1
Supported storage drive interfaces *	M.2, PCI Express 5.0, SATA III	PCI Express x16 (Gen 4.x) slots	1
Number of HDDs supported	4	PCI Express x16 (Gen 5.x) slots	1
Number of storage drives supported	8	Number of M.2 (M) slots	4
RAID support	✓	1st M.2 largest key size	25110
RAID levels	0, 1, 5, 10	1st M.2 highest PCI Express generation	5.0
Graphics		2nd M.2 largest key size	22110
Parallel processing technology support *	Not supported	2nd M.2 highest PCI Express generation	5.0
On-board graphics card	✗		
Maximum resolution	4096 x 2160 pixels		
HDCP	✓		
DirectX version	12.0		
Internal I/O			
USB 2.0 connectors *	2		
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2		

Internal I/O		Expansion slots	
USB 3.2 Gen 2x2 connectors	1	3rd M.2 largest key size	22110
Number of SATA III connectors *	4	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	BIOS memory size	256 Mbit
Number of chassis fan connectors	4	ACPI version	5.0
EPS power connector (8-pin)	✓	Clear CMOS jumper	✓
Number of EPS power connectors (8-pin)	2	Desktop Management Interface (DMI) version	2.7
TPM connector	✓	System Management BIOS (SMBIOS) version	2.7
12V power connector	✓	Logistics data	
Number of water pump connectors	2	Products per shipping (inner) case	1 pc(s)
RGB LED pin header	✓	Battery	
Number of RGB LED pin headers	4	Battery weight	3 g
Rear panel I/O ports		Lithium weight per battery	0.07 g
USB 2.0 ports quantity *	4	Number of battery cells	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Battery capacity	220 mAh
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
USB4 Gen 2x2 ports quantity	2	Battery type	CR2032
Ethernet LAN (RJ-45) ports *	1	Packaging data	
HDMI ports quantity *	1	Package width	345 mm
HDMI version	2.1	Package depth	294 mm
DisplayPort version	1.4	Package height	80 mm
Headphone outputs	1	Package weight	2.64 kg
Microphone in	✓	Weight & dimensions	
S/PDIF out port	✓	Width	305 mm
Digital audio optical out	1	Depth	244 mm
WiFi-AP antenna jack	2	Height	35 mm
Network		Packaging content	
Ethernet LAN	✓	Batteries included	✓
Ethernet interface type	2.5 Gigabit Ethernet	Antenna included	✓
		Screws included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
		Other features	
		Weight	2.64 kg
		Technical details	
		Warranty period	3 year(s)



4719331871529

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.