

GIGABYTE X870I AORUS PRO ICE Motherboard - Supports AMD Ryzen 9000 Series CPUs, 8+2+1 phases VRM, up to 8400MHz DDR5 (OC), 1xPCIe 5.0 M.2 + 1xPCIe 4.0 M.2, WI-FI 7, 2,5GbE LAN, USB 4

Brand : GIGABYTE

Product code: X870I 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		Rear panel I/O ports	
Processor manufacturer *	AMD	Headphone outputs	1
Processor socket *	Socket AM5	Line-in	✓
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	WiFi-AP antenna jack	2
Supported processor sockets	Socket AM5	Network	
Memory		Ethernet LAN	✓
Supported memory types *	DDR5-SDRAM	Ethernet interface type	2.5 Gigabit Ethernet
Number of memory slots *	2	LAN controller	Realtek RTL8125
Memory slots type	DIMM	Wi-Fi *	✓
Memory channels	Dual-channel	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
ECC compatibility	Non-ECC	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 clock speeds	8400,8266,8200,8000,7950,7900,7800,7600,7400,7200,7000,6800,6600,6400,6200,6000,5800,5600,5200,4800,4400 MHz		Realtek RTL8922AE
Supported memory clock speed (max)	8400 MHz	WLAN controller model	
Maximum internal memory *	128 GB	Bluetooth	✓
Unbuffered memory	✓	Bluetooth version	5.4
Maximum internal memory per slot	64 GB	Features	
Storage controllers		Motherboard chipset *	AMD X870
Supported storage drive types	HDD & SSD	Audio chip	Realtek ALC4080
Supported storage drive interfaces *	M.2, SATA III	Audio output channels *	7.1 channels
Number of HDDs supported	2	Product colour	White
Number of storage drives supported	4	PC health monitoring	Fan, Temperature, Voltage, Water cooling
RAID support	✓	Component for *	PC
RAID levels	0, 1	Motherboard form factor *	Micro ITX
Graphics		Motherboard chipset family *	AMD
Parallel processing technology support *	Not supported	Power source type	ATX
Maximum resolution	4096 x 2160 pixels	Windows operating systems supported	Windows 11 x64
HDCP	✓	Expansion slots	
DirectX version	12.0	PCI Express x16 (Gen 5.x) slots	1
Internal I/O		Number of M.2 (M) slots	2
USB 2.0 connectors *	1	1st M.2 largest key size	2280
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1		
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1		
Number of SATA III connectors *	2		

Internal I/O		Expansion slots	
Front panel audio connector	✓	1st M.2 highest PCI Express generation	5.0
Front panel connector	✓	2nd M.2 largest key size	2280
ATX Power connector (24-pin)	✓	2nd M.2 highest PCI Express generation	4.0
CPU fan connector	✓	BIOS	
Number of CPU fan connectors	2	BIOS type *	UEFI AMI
Number of chassis fan connectors	1	BIOS memory size	256 Mbit
Chassis intrusion connector	✓	ACPI version	5.0
EPS power connector (8-pin)	✓	Clear CMOS jumper	✓
Number of EPS power connectors (8-pin)	1	Desktop Management Interface (DMI) version	2.7
Number of water pump connectors	1	System Management BIOS (SMBIOS) version	2.7
RGB LED pin header	✓	Logistics data	
Number of RGB LED pin headers	3	Country of origin	Taiwan
Rear panel I/O ports		Products per shipping (inner) case	1 pc(s)
USB 2.0 ports quantity *	2	Battery	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Battery weight	3 g
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Lithium weight per battery	0.07 g
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Number of battery cells	1
USB4 Gen 2x2 ports quantity	1	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Ethernet LAN (RJ-45) ports *	1	Battery type	CR2032
HDMI ports quantity *	1	Packaging data	
HDMI version	2.1	Package width	235 mm
DisplayPort version	1.4	Package depth	227 mm
		Package height	95 mm
		Package weight	1.2 kg
		Weight & dimensions	
		Width	170 mm
		Depth	170 mm
		Height	35 mm
		Packaging content	
		Batteries included	✓
		Antenna included	✓
		Screws included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
		Technical details	
		Warranty period	3 year(s)



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