

GIGABYTE X870 AORUS STEALTH ICE Motherboard - Supports AMD Ryzen 9000 CPUs, 16+2+2 Phases Digital VRM, up to 8200Hz DDR5 (OC), 2xPCIe 5.0 + 2xPCIe 4.0, Wi-Fi 7, 5 GbE LAN, USB 4



Brand : GIGABYTE

Product code: X870 A STEALTH ICE

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Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	S/DPDIF out port	✓
Processor socket *	Socket AM5	Digital audio optical out	1
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, 5 Gigabit Ethernet, Fast Ethernet, Gigabit Ethernet
Number of memory slots *	4	LAN controller	Realtek RTL8126
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	Wi-Fi 7 (802.11be)
Supported memory clock speeds	8200, 8000, 7950, 7900, 7800, 7600, 7400, 7200, 7000, 6800, 6600, 6400, 6200, 6000, 5800, 5600, 5200, 4800, 4400 MHz	WLAN controller model	Qualcomm QCNM865
Supported memory clock speed (max)	8200 MHz	Bluetooth	✓
Maximum internal memory *	256 GB	Bluetooth version	5.3
Unbuffered memory	✓	Features	
Maximum internal memory per slot	64 GB	Motherboard chipset *	AMD X870
Storage controllers		Audio chip	Realtek ALC1220-VB
Supported storage drive types	HDD & SSD	Audio output channels *	7.1 channels
Supported storage drive interfaces *	M.2, PCI Express 4.0, PCI Express 5.0, SATA III	Product colour	White
Number of HDDs supported	2	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Number of storage drives supported	6	Component for *	PC
RAID support	✓	Motherboard form factor *	ATX
RAID levels	0, 1, 5, 10	Motherboard chipset family *	AMD
Graphics		Cooling type	Passive
Parallel processing technology support *	Not supported	Power source type	ATX
On-board graphics card	✗	Windows operating systems supported	Windows 11 x64
Maximum resolution	4096 x 2160 pixels		
HDCP	✓		
DirectX version	12.0		
Internal I/O			
USB 2.0 connectors *	2		

Internal I/O		Expansion slots	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	PCI Express x16 (Gen 4.x) slots	1
USB 3.2 Gen 2x2 connectors	1	PCI Express x16 (Gen 5.x) slots	1
Number of SATA III connectors *	2	Number of M.2 (M) slots	4
Front panel audio connector	✓	1st M.2 largest key size	25110
Front panel connector	✓	1st M.2 highest PCI Express generation	5.0
ATX Power connector (24-pin)	✓	2nd M.2 largest key size	22110
CPU fan connector	✓	2nd M.2 highest PCI Express generation	5.0
Number of CPU fan connectors	2	3rd M.2 largest key size	22110
Number of chassis fan connectors	6	3rd M.2 highest PCI Express generation	4.0
Peripheral (Molex) power connectors (4-pin)	1	4th M.2 largest key size	22110
EPS power connector (8-pin)	✓	4th M.2 highest PCI Express generation	4.0
Number of EPS power connectors (8-pin)	1	BIOS	
TPM connector	✓	BIOS type *	UEFI AMI
12V power connector	✓	BIOS memory size	512 Mbit
Number of water pump connectors	3	ACPI version	5.0
Number of temperature sensor headers	2	Clear CMOS jumper	✓
Number of noise detection headers	1	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	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 ports quantity *	2	Battery weight	3 g
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Lithium weight per battery	0.07 g
USB4 Gen 3x2 ports quantity	2	Number of battery cells	1
Ethernet LAN (RJ-45) ports *	1	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
HDMI ports quantity *	1	Battery type	CR2032
HDMI version	2.1	Packaging data	
DisplayPort version	1.4	Package width	315.5 mm
Headphone outputs	1	Package depth	375 mm
Line-in	✓	Package height	118.5 mm
		Package weight	5.07 kg
		Weight & dimensions	
		Width	305 mm
		Depth	244 mm
		Height	35 mm
		Packaging content	
		Batteries included	✓
		Antenna included	✓
		Screws included	✓
		Bundled software	Norton® Internet Security (OEM version)
		Other features	
		Weight	4.4 kg
		Technical details	
		Warranty period	3 year(s)



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