

GIGABYTE X870 GAMING X WIFI7 Motherboard - Supports AMD Ryzen 9000 CPUs, 16+2+2 phases VRM, up to 8000MHz DDR5 (OC), 1xPCIe 5.0 + 2xPCIe 4.0, Wi-Fi 7, 2.5GbE LAN, USB 4

Brand : GIGABYTE

Product code: X870 GAMING X WIFI7

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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	MediaTek MT7925
		Bluetooth	✓
		Bluetooth version	5.4
Memory		Features	
Supported memory types *	DDR5-SDRAM	Motherboard chipset *	AMD X870
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	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, 40GB, 48GB, 64GB	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	7	Number of M.2 (M) slots	3
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 *	1	System Management BIOS (SMBIOS) version	2.7
USB 3.2 Gen 2x2 connectors	1		
Number of SATA III connectors *	4		
Total number of SATA connectors	4		
ATX Power connector (24-pin)	✓		
EPS power connector (8-pin)	✓		
TPM connector	✓		

Internal I/O		Logistics data	
12V power connector	✓	Country of origin	China
RGB LED pin header	✓	Products per shipping (inner) case	1 pc(s)
Rear panel I/O ports		Battery	
USB 2.0 ports quantity *	4	Battery weight	3 g
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Lithium weight per battery	0.07 g
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1	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	335 mm
Microphone in	✓	Package depth	270 mm
S/PDIF out port	✓	Package height	80 mm
Network		Package weight	2.53 kg
Ethernet LAN	✓	Weight & dimensions	
		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	2.23 kg
		Technical details	
		Warranty period	3 year(s)



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