

## GIGABYTE X870 EAGLE WIFI7 Motherboard - Supports AMD Ryzen 9000 CPUs, 14+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 EAGLE WIFI7

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- AMD Socket AM5: Supports AMD Ryzen 9000 Series, 8000 Series, 7000 Series Processors
- Digital twin 14+2+2 phases VRM solution
- Dual Channel DDR5 4DIMMs with AMD EXPO Memory Module Support
- PCIe Gen5 x16 with PCIe UD Slot X & EZ-Latch Plus
- Ultra-Fast Storage: 3\*M.2 slots, including 1\* PCIe 5.0 x4
- Efficient Overall Thermal: VRM Thermal Armor Advanced & M.2 Thermal Guard
- Extended Connectivity: Dual USB4 Type-C with DP-Alt, HDMI
- Fast Networking: 2.5GbE LAN & Wi-Fi 7 with Ultra-high gain antenna

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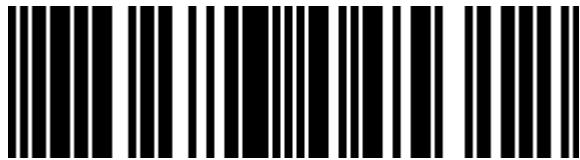
Elevate your computing experience with GIGABYTE's renowned motherboard series: AORUS, AERO, and GIGABYTE. Featuring innovative designs and advanced features, these boards offer exceptional performance and reliability. Whether you're a gamer, content creator, or professional, our series cater to your needs, ensuring uncompromising quality and cutting-edge

<b>Processor</b>		<b>Rear panel I/O ports</b>	
Processor manufacturer *	AMD	WiFi-AP antenna jack	2
Processor socket *	Socket AM5		
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	Network	
Supported processor sockets	Socket AM5	Ethernet LAN	✓
Maximum internal memory supported by processor	256 GB	Ethernet interface type	2.5 Gigabit Ethernet
<b>Memory</b>		LAN controller	Realtek RTL8125
Supported memory types *	DDR5-SDRAM	Wi-Fi *	✓
Number of memory slots *	4	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Memory slots type	DIMM	Wi-Fi standards	Wi-Fi 7 (802.11be)
Memory channels	Dual-channel	WLAN controller model	MediaTek MT7925
ECC compatibility	Non-ECC	Bluetooth	✓
Supported memory clock speeds	4400,4800,5200,5600,6000,6200,6400,6600,6666,6800,7000,7200,7600,7800,8000,8200 MHz	Bluetooth version	5.4
Supported memory clock speed (max)	8200 MHz		
Maximum internal memory *	256 GB	<b>Features</b>	
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 16GB, 24GB, 32GB, 40GB, 48GB, 64GB	Motherboard chipset *	AMD X870
Unbuffered memory	✓	Audio chip	Realtek ALC897
Maximum internal memory per slot	64 GB	Audio output channels *	7.1 channels
<b>Storage controllers</b>		Product colour	Black
Supported storage drive types	HDD & SSD	PC health monitoring	Fan, Temperature, Voltage
Supported storage drive interfaces *	M.2, SATA III	Component for *	PC
Number of HDDs supported	4	Motherboard form factor *	ATX
Number of storage drives supported	7	Motherboard chipset family *	AMD
RAID support	✓	Windows operating systems supported	Windows 11 x64
RAID levels	0, 1, 10		
<b>Graphics</b>		<b>Expansion slots</b>	
Parallel processing technology support *	Not supported	PCI Express x16 (Gen 3.x) slots	2
On-board graphics card	✗	PCI Express x16 (Gen 5.x) slots	1
DirectX version	12.0	Number of M.2 (M) slots	3
		1st M.2 largest key size	25110

<b>Internal I/O</b>		<b>Expansion slots</b>	
USB 2.0 connectors *	2	1st M.2 highest PCI Express generation	5.0
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	2nd M.2 largest key size	25110
USB 3.2 Gen 2x2 connectors	1	2nd M.2 highest PCI Express generation	4.0
Number of SATA III connectors *	4	3rd M.2 largest key size	25110
Front panel audio connector	✓	3rd M.2 highest PCI Express generation	4.0
Front panel connector	✓		
ATX Power connector (24-pin)	✓		
CPU fan connector	✓		
Number of CPU fan connectors	2	<b>BIOS</b>	
Number of chassis fan connectors	4	BIOS type *	UEFI AMI
Peripheral (Molex) power connectors (4-pin)	1	BIOS memory size	256 Mbit
EPS power connector (8-pin)	✓	ACPI version	5.0
Number of EPS power connectors (8-pin)	1	Clear CMOS jumper	✓
TPM connector	✓	Clear CMOS button	✓
12V power connector	✓	Desktop Management Interface (DMI) version	2.7
Number of water pump connectors	1	System Management BIOS (SMBIOS) version	2.7
RGB LED pin header	✓		
Number of RGB LED pin headers	4		
<b>Rear panel I/O ports</b>		<b>Battery</b>	
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 (LiMnO <sub>2</sub> )
Ethernet LAN (RJ-45) ports *	1	Battery type	CR2032
HDMI ports quantity *	1		
HDMI version	2.1	<b>Packaging data</b>	
DisplayPort version	1.4	Package width	335 mm
Headphone outputs	1	Package depth	270 mm
		Package height	80 mm
		Package weight	1.94 kg
<b>Weight &amp; dimensions</b>			
		Width	305 mm
		Depth	244 mm
		Height	35 mm
<b>Packaging content</b>			
		Batteries included	✓
		Antenna included	✓
		Screws included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
<b>Other features</b>			
		Weight	1.74 kg
<b>Technical details</b>			
		Warranty period	3 year(s)



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### Catalog Object Cloud



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