

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

Internal I/O		Expansion slots	
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	✓	BIOS	
ATX Power connector (24-pin)	✓	BIOS type *	UEFI AMI
CPU fan connector	✓	BIOS memory size	256 Mbit
Number of CPU fan connectors	2	ACPI version	5.0
Number of chassis fan connectors	4	Clear CMOS jumper	✓
Peripheral (Molex) power connectors (4-pin)	1	Clear CMOS button	✓
EPS power connector (8-pin)	✓	Desktop Management Interface (DMI) version	2.7
Number of EPS power connectors (8-pin)	1	System Management BIOS (SMBIOS) version	2.7
TPM connector	✓	Logistics data	
12V power connector	✓	Country of origin	China
Number of water pump connectors	1	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 *	3	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1	Battery type	CR2032
USB4 Gen 2x2 ports quantity	2	Packaging data	
Ethernet LAN (RJ-45) ports *	1	Package width	335 mm
HDMI ports quantity *	1	Package depth	270 mm
HDMI version	2.1	Package height	80 mm
DisplayPort version	1.4	Package weight	1.94 kg
Headphone outputs	1	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) LAN bandwidth management software
		Other features	
		Weight	1.74 kg
		Technical details	
		Warranty period	3 year(s)



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Catalog Object Cloud



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