

## GIGABYTE X870M AORUS ELITE WIFI7 Motherboard - Supports AMD Ryzen 9000 CPUs, 14+2+2 Phases Digital VRM, up to 8200Hz DDR5 (OC), 1xPCIe 5.0 + 1xPCIe 4.0, Wi-Fi 7, 2.5 GbE LAN, USB 4



**Brand :** GIGABYTE

**Product code:** X870M A ELITE WF7

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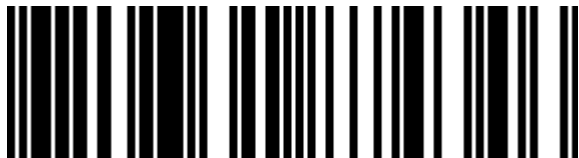
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Elevate your computing experience with GIGABYTE's renowned motherboard series: AORUS, AERO, and GIGABYTE. Featuring innovative designs and advanced features, these boards offer exceptional performance and reliability. Whether you're a gamer, content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



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	Digital audio optical out	1
Processor socket *	Socket AM5	WiFi-AP antenna jack	2
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	Network	
Supported processor sockets	Socket AM5	Ethernet LAN	✓
Memory		Ethernet interface type	2.5 Gigabit Ethernet
Supported memory types *	DDR5-SDRAM	LAN controller	Realtek RTL8125
Number of memory slots *	4	Wi-Fi *	✓
Memory slots type	DIMM	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Memory channels	Dual-channel	Wi-Fi standards	Wi-Fi 7 (802.11be)
ECC compatibility	Non-ECC	WLAN controller model	Realtek RTL8922AE
Supported memory clock speeds	8200,8000,7950,7900,7800,7600,7400,7200,7000,6800,6600,6400,6200,6000,5800,5600,5200,4800,4400 MHz	Bluetooth	✓
Supported memory clock speed (max)	8200 MHz	Bluetooth version	5.4
Maximum internal memory *	256 GB	Features	
Unbuffered memory	✓	Motherboard chipset *	AMD X870
Maximum internal memory per slot	64 GB	Audio chip	Realtek ALC1220-VB
Storage controllers		Audio output channels *	7.1 channels
Supported storage drive types	HDD & SSD	Product colour	Black
Supported storage drive interfaces *	M.2, PCI Express 4.0, PCI Express 5.0, SATA III	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Number of HDDs supported	2	Component for *	PC
Number of storage drives supported	4	Motherboard form factor *	micro ATX
RAID support	✓	Motherboard chipset family *	AMD
RAID levels	0, 1, 5, 10	Cooling type	Passive
Graphics		Power source type	ATX
Parallel processing technology support *	Not supported	Windows operating systems supported	Windows 11 x64
Maximum resolution	4096 x 2160 pixels	Expansion slots	
HDCP	✓	PCI Express x16 (Gen 4.x) slots	1
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 *	2	1st M.2 largest key size	25110
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1		
USB 3.2 Gen 2x2 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	22110
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	4	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	2	System Management BIOS (SMBIOS) version	2.7
RGB LED pin header	✓	Logistics data	
Number of RGB LED pin headers	4	Country of origin	China
Rear panel I/O ports		Products per shipping (inner) case	1 pc(s)
USB 2.0 ports quantity *	4	Battery	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	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
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	270 mm
Headphone outputs	1	Package depth	268 mm
Line-in	✓	Package height	68 mm
S/PDIF out port	✓	Package weight	2.06 kg
		Weight & dimensions	
		Width	244 mm
		Depth	244 mm
		Height	35 mm
		Packaging content	
		Batteries included	✓
		Antenna included	✓
		Screws included	✓
		Bundled software	Norton® Internet Security (OEM version)
		Technical details	
		Warranty period	3 year(s)



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### Catalog Object Cloud



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