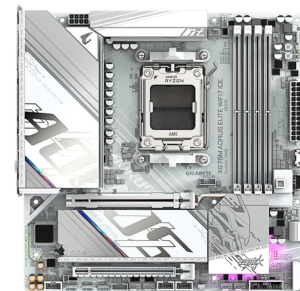


GIGABYTE X870M AORUS ELITE WIFI7 ICE Motherboard - Supports AMD Ryzen 9000 CPUs, 14+2+2 Phases Digital VRM, up to 8200Hz DDR5 (O.C), 1xPCIe 5.0 + 1xPCIe 4.0, Wi-Fi 7, 2.5 GbE LAN, USB 4



Brand : GIGABYTE

Product code: X870M A ELITE WF7 ICE

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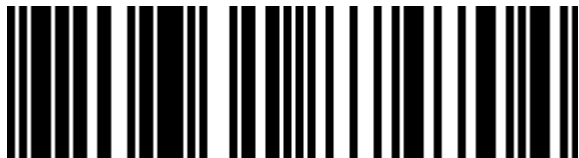
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Elevate your computing experience with GIGABYTE's renowned motherboard series: AORUS, AERO, and GIGABYTE. Featuring innovative designs and advanced features, these boards offer exceptional performance and reliability. Whether you're a gamer, content 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	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, Fast Ethernet, Gigabit Ethernet
Memory		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	Realtek RTL8922AE
ECC compatibility	Non-ECC	Bluetooth	✓
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 version	5.4
Supported memory clock speed (max)	8200 MHz	Features	
Maximum internal memory *	256 GB	Motherboard chipset *	AMD X870
Unbuffered memory	✓	Audio chip	Realtek ALC1220-VB
Maximum internal memory per slot	64 GB	Audio output channels *	7.1 channels
Storage controllers		Product colour	White
Supported storage drive types	HDD & SSD	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Supported storage drive interfaces *	M.2, PCI Express 4.0, PCI Express 5.0, SATA III	Component for *	PC
Number of HDDs supported	2	Motherboard form factor *	micro ATX
Number of storage drives supported	4	Motherboard chipset family *	AMD
RAID support	✓	Cooling type	Passive
RAID levels	0, 1, 5, 10	Power source type	ATX
Graphics		Windows operating systems supported	Windows 11 x64
Parallel processing technology support *	Not supported	Expansion slots	
Maximum resolution	4096 x 2160 pixels	PCI Express x16 (Gen 4.x) slots	1
HDCP	✓	PCI Express x16 (Gen 5.x) slots	1
HDCP version	2.3	Number of M.2 (M) slots	2
DirectX version	12.0	1st M.2 largest key size	25110
Internal I/O			
USB 2.0 connectors *	2		
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1		
USB 3.2 Gen 2x2 connectors	1		

Internal I/O		Expansion slots	
Number of SATA III connectors *	2	1st M.2 highest PCI Express generation	5.0
Front panel audio connector	✓	2nd M.2 largest key size	22110
Front panel connector	✓	2nd M.2 highest PCI Express generation	4.0
ATX Power connector (24-pin)	✓	BIOS	
CPU fan connector	✓	BIOS type *	UEFI AMI
Number of CPU fan connectors	2	BIOS memory size	256 Mbit
Number of chassis fan connectors	4	ACPI version	5.0
EPS power connector (8-pin)	✓	Clear CMOS jumper	✓
Number of EPS power connectors (8-pin)	1	Clear CMOS button	✓
TPM connector	✓	Desktop Management Interface (DMI) version	2.7
12V power connector	✓	System Management BIOS (SMBIOS) version	2.7
Number of water pump connectors	2	Logistics data	
RGB LED pin header	✓	Country of origin	China
Number of RGB LED pin headers	4	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 *	4	Lithium weight per battery	0.07 g
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Number of battery cells	1
USB4 Gen 3x2 ports quantity	2	Battery capacity	220 mAh
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
Digital audio optical out	1	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)
		Other features	
		Weight	1.86 kg
		Technical details	
		Warranty period	3 year(s)



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Catalog Object Cloud



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