

## ASUS ROG STRIX X870E-H GAMING WIFI7 AMD X870E Socket AM5 ATX

**Brand :** ASUS

**Product code:** 90MB1M90-M0EAY0

**Product name :** ROG STRIX X870E-H GAMING WIFI7

AMD X870E, 4 x DIMM slots, max. 256GB, DDR5

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### ROG STRIX X870E-H GAMING WIFI7

Transform your gaming experience with the ROG STRIX X870E-H GAMING WIFI7 motherboard. Engineered to dominate with AMD Ryzen™ 9000 Series Desktop Processors, this ATX powerhouse features cutting-edge power design and AI-enhanced solutions. With PCIe 5.0 x16 slots, dual USB4® Type-C ports, and WiFi 7, it delivers advanced connectivity. DIY-friendly features like M.2 Q-Release on all four M.2 slots and PCIe Slot Q-Release make building and upgrades effortless. Unleash your system's full potential with the ROG STRIX X870E-H GAMING WIFI7.



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB4 Gen 3x2 ports quantity	2
Processor socket *	Socket AM5	Ethernet LAN (RJ-45) ports *	1
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	HDMI ports quantity *	1
		Microphone in	✓
Supported processor sockets	Socket AM5	S/PDIF out port	✓
Memory		WiFi-AP antenna jack	1
Supported memory types *	DDR5-SDRAM	Network	
Number of memory slots *	4	Ethernet LAN	✓
Memory slots type	DIMM	Ethernet interface type	5 Gigabit Ethernet
Memory channels	Dual-channel	Wi-Fi *	✓
ECC compatibility	Non-ECC	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Maximum internal memory *	256 GB	Wi-Fi standards	Wi-Fi 7 (802.11be)
Unbuffered memory	✓	Bluetooth	✓
Storage controllers		Bluetooth version	5.4
Supported storage drive types	HDD & SSD	Features	
Supported storage drive interfaces *	M.2, SATA III	Motherboard chipset *	AMD X870E
Number of HDDs supported	4	Audio chip	Realtek ALC1220P
Number of storage drives supported	8	Audio output channels *	7.1 channels
RAID support	✓	Component for *	PC
RAID levels	0, 1, 10, 5	Motherboard form factor *	ATX
Graphics		Motherboard chipset family *	AMD
Parallel processing technology support *	Not supported	Windows operating systems supported	Windows 11

Internal I/O		Expansion slots	
USB 2.0 connectors *	2	PCI Express x16 (Gen 4.x) slots	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	PCI Express x16 (Gen 5.x) slots	1
USB 3.2 Gen 2x2 connectors	1	Number of M.2 (M) slots	4
Number of SATA III connectors *	4	1st M.2 largest key size	2280
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	5.0
CPU fan connector	✓	3rd M.2 largest key size	2280
Number of chassis fan connectors	5	3rd M.2 highest PCI Express generation	4.0
Chassis intrusion connector	✓	4th M.2 largest key size	2280
EPS power connector (8-pin)	✓	4th M.2 highest PCI Express generation	4.0
12V power connector	✓	<b>BIOS</b>	
Number of temperature sensor headers	1	BIOS type *	UEFI AMI
RGB LED pin header	✓	BIOS memory size	256 Mbit
Number of RGB LED pin headers	3	<b>Packaging data</b>	
Rear panel I/O ports		Package width	353 mm
USB 2.0 ports quantity *	2	Package depth	273 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6	Package height	68 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3	Package weight	2.07 kg
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	<b>Weight &amp; dimensions</b>	
		Width	305 mm
		Depth	244 mm
		<b>Packaging content</b>	
		Cables included	SATA
		Antenna included	✓



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### **Catalog Object Cloud**



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