

ASUS ROG STRIX X870E-A GAMING WIFI7 NEO AMD X870E Socket AM5 ATX

Brand : ASUS

Product code: 90MB1P30-M0EAY0

Product name : ROG STRIX X870E-A GAMING WIFI7 NEO

AMD X870E, Socket AM5, 4 x DIMM slots, max. 256GB DDR5, Realtek 5Gb Ethernet, Wi-Fi 7, UEFI AMI BIOS, ATX

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ROG STRIX X870E-A gaming wifi7 Neo

Elevate your build with the ROG Strix X870E-A Gaming WiFi7 Neo, featuring a sleek white aesthetic and a design that maximizes the performance of AMD Ryzen™ 9000 Series processors. PCIe® 5.0, ASUS AI features including AI Cache Boost and ASUS AI Advisor—and exclusive memory technologies such as NitroPath DRAM Technology, DIMM Fit Pro, and AEMP—simplify setup and deliver optimized DDR5 performance. High-speed connectivity is boosted by dual USB4® Type-C ports, WiFi 7, and Realtek® 5G Ethernet, while enhanced M.2 cooling helps ensure stability for demanding workloads. It is the ultimate blend of style and performance.



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	S/PDIF out port	✓
Processor socket *	Socket AM5	WiFi-AP antenna jack	1
Compatible processor series *	AMD Ryzen 9000 Series, AMD Ryzen 8000 Series, AMD Ryzen 7000 Series	Network	
Memory		Ethernet LAN	✓
Supported memory types *	DDR5-SDRAM	Ethernet interface type	5 Gigabit Ethernet
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	ECC & Non-ECC	WLAN controller model	MediaTek MT7925
Supported memory clock speed (max)	9600 MHz	Bluetooth	✓
Maximum internal memory *	256 GB	Bluetooth version	5.4
Unbuffered memory	✓	Features	
Storage controllers		Motherboard chipset *	AMD X870E
Supported storage drive types	HDD & SSD	Audio output channels *	7.1 channels
Supported storage drive interfaces *	SATA III, M.2	Product colour	Multicolour
Number of HDDs supported	4	Component for *	PC
Number of storage drives supported	8	Motherboard form factor *	ATX
RAID support	✓	Motherboard chipset family *	AMD
RAID levels	0, 1, 5, 10	Windows operating systems supported	Windows 11
		Expansion slots	
		PCI Express x16 (Gen 4.x) slots	1
		PCI Express x16 (Gen 5.x) slots	1

Graphics		Expansion slots	
Parallel processing technology support *	Not supported	Number of M.2 (M) slots	4
Internal I/O		1st M.2 largest key size	2280
		1st M.2 highest PCI Express generation	5.0
		2nd M.2 largest key size	2260
		2nd M.2 highest PCI Express generation	5.0
		3rd M.2 largest key size	2242
		3rd M.2 highest PCI Express generation	5.0
		4th M.2 largest key size	22110
		4th M.2 highest PCI Express generation	5.0
		BIOS	
		BIOS type *	UEFI AMI
Rear panel I/O ports		BIOS memory size	64 Mbit
USB 2.0 connectors *	3	Clear CMOS button	✓
		Packaging data	
		Package width	353 mm
		Package depth	273 mm
		Package height	68 mm
		Package weight	2.7 kg
		Weight & dimensions	
		Width	305 mm
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Depth	244 mm
		Height	50 mm
Other features		Weight	1.9 kg
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1		
Number of SATA III connectors *	4		
Front panel audio connector	✓		
ATX Power connector (24-pin)	✓		
CPU fan connector	✓		
Number of CPU fan connectors	1		
Number of chassis fan connectors	5		
Chassis intrusion connector	✓		
EPS power connector (8-pin)	✓		
12V power connector	✓		
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4		
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	5		
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1		
USB4 Gen 3x2 ports quantity	2		
Ethernet LAN (RJ-45) ports *	1		
HDMI ports quantity *	1		
Microphone in	✓		



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