

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

Brand : ASUS

Product code: 90MB1P20-M0EAY0

Product name : ROG STRIX X870E-E GAMING WIFI7 NEO

Socket AM5, AMD X870E Chipset, 4 x DDR5-SDRAM up to 256GB, LAN, WLAN, 1 x RJ-45, 4 x SATA III, 5 x M.2(M), UEFI AMI, ATX

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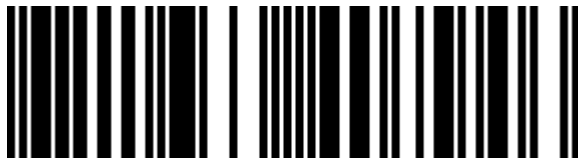
ROG Strix X870E-E Gaming WiFi7 Neo

The ROG Strix X870E-E Gaming WiFi7 Neo is designed to unleash the power of AMD Ryzen™ 9000 Series processors. Enhancements such as PCIe® lane optimization deliver higher speeds to five M.2 slots, all of which feature Q-Release for EZ DIY installation, just like the PCIe 5.0 x16 slot. AI Cache Boost optimizes CPU cache and memory pathways to accelerate AI workloads, while NitroPath DRAM Technology and a server-grade low-etch PCB enhance signal integrity for more stable DDR5 tuning and greater overclocking headroom. A spacious 64MB BIOS chip delivers broad AM5 CPU compatibility, and the redesigned BIOS interface offers a smoother user experience.



Processor		Network	
Processor manufacturer *	AMD	Ethernet interface type	5 Gigabit Ethernet
Processor socket *	Socket AM5	Wi-Fi *	✔
Compatible processor series *	AMD Ryzen 9000 Series, AMD Ryzen 8000 Series, AMD Ryzen 7000 Series	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
		Wi-Fi standards	Wi-Fi 7 (802.11be)
		WLAN controller model	MediaTek MT7927
Memory		Bluetooth	✔
Supported memory types *	DDR5-SDRAM	Features	
Number of memory slots *	4	Motherboard chipset *	AMD X870E
Memory slots type	DIMM	Audio output channels *	7.1 channels
Memory channels	Dual-channel	Product colour	Black
ECC compatibility	ECC & Non-ECC	Component for *	PC
Maximum internal memory *	256 GB	Motherboard form factor *	ATX
Unbuffered memory	✔	Motherboard chipset family *	AMD
Storage controllers		Windows operating systems supported	Windows 11
Supported storage drive types	HDD & SSD	Expansion slots	
Supported storage drive interfaces *	SATA III, M.2	PCI Express x16 (Gen 4.x) slots	1
Number of HDDs supported	4	Number of M.2 (M) slots	5
Number of storage drives supported	9	1st M.2 largest key size	2280
RAID support	✔	1st M.2 highest PCI Express generation	5.0
RAID levels	0, 1, 5, 10	2nd M.2 largest key size	2280
Graphics		2nd M.2 highest PCI Express generation	5.0
Parallel processing technology support *	Not supported	3rd M.2 largest key size	2280

Internal I/O		Expansion slots	
USB 2.0 connectors *	3	3rd M.2 highest PCI Express generation	4.0
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	4th M.2 largest key size	2280
USB 3.2 Gen 2x2 connectors	2	4th M.2 highest PCI Express generation	4.0
Number of SATA III connectors *	4	5th M.2 largest key size	2280
Front panel audio connector	✓	5th M.2 highest PCI Express generation	4.0
ATX Power connector (24-pin)	✓	BIOS	
CPU fan connector	✓	BIOS type *	UEFI AMI
Number of chassis fan connectors	5	BIOS memory size	64 Mbit
Chassis intrusion connector	✓	Clear CMOS button	✓
EPS power connector (8-pin)	✓	Packaging data	
12V power connector	✓	Package width	353 mm
RGB LED pin header	✓	Package depth	273 mm
Rear panel I/O ports		Package height	68 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	9	Package weight	2.7 kg
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	2	Weight & dimensions	
USB4 Gen 3x2 ports quantity	2	Width	305 mm
Ethernet LAN (RJ-45) ports *	1	Depth	244 mm
HDMI ports quantity *	1	Packaging content	
Microphone in	✓	Cables included	SATA
S/PDIF out port	✓	Antenna included	✓
Network		Screws included	✓
Ethernet LAN	✓	Other features	
		Weight	1.9 kg



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