

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

[ASUS ROG STRIX X870E-H GAMING WIFI7 AMD X870E Socket AM5 ATX:](#)

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
Supported processor sockets	Socket AM5	Microphone in	✓
Memory		S/PDIF out port	✓
Supported memory types *	DDR5-SDRAM	WiFi-AP antenna jack	1
Number of memory slots *	4	Network	
Memory slots type	DIMM	Ethernet LAN	✓
Memory channels	Dual-channel	Ethernet interface type	5 Gigabit Ethernet
ECC compatibility	Non-ECC	Wi-Fi *	✓
Maximum internal memory *	256 GB	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Unbuffered memory	✓	Wi-Fi standards	Wi-Fi 7 (802.11be)
Storage controllers		Bluetooth	✓
Supported storage drive types	HDD & SSD	Bluetooth version	5.4
Supported storage drive interfaces *	M.2, SATA III	Features	
Number of HDDs supported	4	Motherboard chipset *	AMD X870E
Number of storage drives supported	8	Audio chip	Realtek ALC1220P
RAID support	✓	Audio output channels *	7.1 channels
RAID levels	0, 1, 10, 5	Component for *	PC
Graphics		Motherboard form factor *	ATX
Parallel processing technology support *	Not supported	Motherboard chipset family *	AMD
		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	✓		
Number of temperature sensor headers	1		
RGB LED pin header	✓		
Number of RGB LED pin headers	3		
Rear panel I/O ports		BIOS	
USB 2.0 ports quantity *	2	BIOS type *	UEFI AMI
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6	BIOS memory size	256 Mbit
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3		
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1		
		Packaging data	
		Package width	353 mm
		Package depth	273 mm
		Package height	68 mm
		Package weight	2.07 kg
		Weight & dimensions	
		Width	305 mm
		Depth	244 mm
		Packaging content	
		Cables included	SATA
		Antenna included	✓



4711636167208

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.