ASUS ROG STRIX X870E-E GAMING WIFI AMD X870E Socket AM5 ATX

Brand : ASUS

Product name : ROG STRIX X870E-E GAMING WIFI

Product code: 90MB1IB0-M0EAY0

AMD Socket AM5 for AMD Ryzen 9000 & 8000 & 7000 Series Desktop Processors, AMD X870E
ASUS ROG STRIX X870E-E GAMING WIFI. Processor manufacturer: AMD, Processor socket: Socket AM5,
Supported processor sockets: Socket AM5. Supported memory types: DDR5-SDRAM, Maximum internal
memory: 192 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported
storage drive types: HDD & SSD, RAID levels: 0, 1, 10, 5. Ethernet interface type: 5 Gigabit Ethernet, Top
Wi-Fi standard: Wi-Fi 7 (802.11be), Wi-Fi standards: Wi-Fi 7 (802.11be). Component for: PC, Motherboard
form factor: ATX, Motherboard chipset family: AMD

Processor

Processor manufacturer *	AMD
Processor socket *	Socket AM5
Supported processor sockets	Socket AM5

Memory

Supported memory types *	DDR5-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
ECC	✓
Non-ECC	✓
Maximum internal memory *	192 GB
Unbuffered memory	✓

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, SATA III
Number of HDDs supported	4
Number of storage drives supported	9
RAID support	✓
RAID levels	0, 1, 10, 5

Graphics

Parallel processing technology support *	Not supported

Internal I/O

USB 2.0 connectors *	3
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2
USB 3.2 Gen 2x2 connectors	1
Number of SATA III connectors *	4
Front panel audio connector	✓
ATX Power connector (24-pin)	✓
CPU fan connector	✓

Rear panel I/O ports

USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
USB 3.2 Gen 2x2 Type-C ports quantity	1
USB4 Gen 2x2 ports quantity	2
Ethernet LAN (RJ-45) ports *	1
HDMI ports quantity *	1
Headphone outputs	1
Microphone in	✓
S/PDIF out port	✓
WiFi-AP antenna jack	1

Network

Ethernet LAN	✓
Ethernet interface type	5 Gigabit Ethernet
Wi-Fi *	✓
Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Wi-Fi standards	Wi-Fi 7 (802.11be)
Bluetooth	✓
Bluetooth version	5.4

Features

Motherboard chipset *	AMD X870E
Audio chip	Realtek ALC4080
Audio output channels *	7.1 channels
Component for *	PC
Motherboard form factor *	ATX
Motherboard chipset family *	AMD
Windows operating systems supported	Windows 11 x64

Expansion slots

PCI Express x16 (Gen 4.x) slots	1
PCI Express x16 (Gen 5.x) slots	1
Number of M.2 (M) slots	5

Internal I/O

Number of chassis fan connectors	5
12V power connector	✓

Rear panel I/O ports

USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	9

BIOS

BIOS type *	UEFI AMI
BIOS memory size	256 Mbit
Clear CMOS button	✓

Weight & dimensions

Width	305 mm
Depth	244 mm

Packaging content

Cables included	SATA

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