

ASUS TUF GAMING X870E-PLUS WIFI7 AMD X870E Socket AM5 ATX

Brand : ASUS

Product code: 90MB1M70-M0EAY0

Product name : TUF GAMING X870E-PLUS WIFI7

TUF GAMING X870E-PLUS WIFI7

ASUS TUF GAMING X870E-PLUS WIFI7. Processor manufacturer: AMD, Processor socket: Socket AM5, Compatible processor series: AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series. Supported memory types: DDR5-SDRAM, Maximum internal memory: 256 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, PCI Express 4.0, PCI Express 5.0, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 5, 10. Ethernet interface type: 2.5 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



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*Ürününüzü kaydetmek için QR kodu okutunuz.

Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	HDMI ports quantity *	1
Processor socket *	Socket AM5	Headphone outputs	1
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	Line-in	✓
Supported processor sockets	Socket AM5	Microphone in	✓
		WiFi-AP antenna jack	2
Memory		Network	
Supported memory types *	DDR5-SDRAM	Ethernet LAN	✓
Number of memory slots *	4	Ethernet interface type	2.5 Gigabit Ethernet
Memory slots type	DIMM	Wi-Fi *	✓
Memory channels	Dual-channel	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
ECC compatibility	ECC & Non-ECC	Wi-Fi standards	Wi-Fi 7 (802.11be)
Supported memory clock speed (max)	8000 MHz	Bluetooth	✓
Maximum internal memory *	256 GB	Bluetooth version	5.4
Unbuffered memory	✓		
Storage controllers		Features	
Supported storage drive types	HDD & SSD	Motherboard chipset *	AMD X870E
Supported storage drive interfaces *	M.2, PCI Express 4.0, PCI Express 5.0, SATA III	Audio output channels *	7.1 channels
Number of HDDs supported	4	Product colour	Grey
Number of storage drives supported	8	Component for *	PC
RAID support	✓	Motherboard form factor *	ATX
RAID levels	0, 1, 5, 10	Motherboard chipset family *	AMD
		Cooling type	Passive
		Power source type	ATX
		Windows operating systems supported	Windows 11

Graphics		Expansion slots	
Parallel processing technology support *	Not supported	PCI Express x1 (Gen 3.x) slots	1
On-board graphics card	✗	PCI Express x16 (Gen 4.x) slots	1
Internal I/O		PCI Express x16 (Gen 5.x) slots	1
USB 2.0 connectors *	2	Number of M.2 (M) slots	4
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	1st M.2 largest key size	2280
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	1st M.2 highest PCI Express generation	5.0
Number of SATA III connectors *	4	2nd M.2 largest key size	22110
Front panel audio connector	✓	2nd M.2 highest PCI Express generation	5.0
Front panel connector	✓	3rd M.2 largest key size	2280
ATX Power connector (24-pin)	✓	3rd M.2 highest PCI Express generation	4.0
CPU fan connector	✓	4th M.2 largest key size	2280
Number of CPU fan connectors	1	4th M.2 highest PCI Express generation	4.0
Number of chassis fan connectors	4	BIOS	
EPS power connector (8-pin)	✓	BIOS type *	UEFI AMI
Number of EPS power connectors (8-pin)	2	BIOS memory size	256 Mbit
12V power connector	✓	Packaging data	
Number of water pump connectors	1	Package width	353 mm
Number of temperature sensor headers	1	Package depth	273 mm
RGB LED pin header	✓	Package height	68 mm
Number of RGB LED pin headers	3	Package weight	2.08 kg
Rear panel I/O ports		Weight & dimensions	
USB 2.0 ports quantity *	4	Width	305 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Depth	244 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3	Height	48 mm
USB4 Gen 3x2 ports quantity	2	Packaging content	
Ethernet LAN (RJ-45) ports *	1	Cables included	SATA
		Antenna included	✓
		Screws included	✓
		Other features	
		Weight	1.56 kg
		Quick installation guide	✓



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