## 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





Processor		Rear panel I/O ports	
Processor manufacturer * Processor socket * Compatible processor series *	AMD Socket AM5 AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	Line-in	1 1 1
Supported processor sockets	Socket AM5	Microphone in	2
Memory		WiFi-AP antenna jack  Network	2
Supported memory types * Number of memory slots * Memory slots type Memory channels ECC compatibility Supported memory clock speed (max) Maximum internal memory * Unbuffered memory	DDR5-SDRAM 4 DIMM Dual-channel ECC & Non-ECC 8000 MHz 256 GB	Ethernet LAN Ethernet interface type Wi-Fi * Top Wi-Fi standard Wi-Fi standards Bluetooth Bluetooth version	✓ 2.5 Gigabit Ethernet ✓ Wi-Fi 7 (802.11be) Wi-Fi 7 (802.11be) ✓ 5.4
Storage controllers	•	Features	
Supported storage drive types Supported storage drive interfaces * Number of HDDs supported Number of storage drives supported RAID support RAID levels	HDD & SSD M.2, PCI Express 4.0, PCI Express 5.0, SATA III 4 8    0, 1, 5, 10	Motherboard chipset * Audio output channels * Product colour Component for * Motherboard form factor * Motherboard chipset family * Cooling type Power source type	AMD X870E 7.1 channels Grey PC ATX AMD Passive ATX
Graphics		Windows operating systems	
Parallel processing technology support *	Not supported	supported	Windows 11
On-board graphics card	×		

Internal I/O		Expansion slots	
USB 2.0 connectors *	2	PCI Express x1 (Gen 3.x) slots	1
USB 3.2 Gen 1 (3.1 Gen 1)	1	PCI Express x16 (Gen 4.x) slots	1
connectors *		Number of M.2 (M) slots	4
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	1st M.2 largest key size	2280
Number of SATA III connectors *	4	1st M.2 highest PCI Express generation	5.0
Front panel audio connector	✓	2nd M.2 largest key size	22110
Front panel connector	✓	2nd M.2 highest PCI Express	5.0
ATX Power connector (24-pin)	✓	generation	
CPU fan connector	✓	3rd M.2 largest key size	2280
Number of CPU fan connectors	1	3rd M.2 highest PCI Express generation	4.0
Number of chassis fan connectors	4	4th M.2 largest key size	2280
EPS power connector (8-pin)	✓	4th M.2 highest PCI Express	4.0
Number of EPS power connectors 8-pin)	2	generation BIOS	110
2V power connector	✓	BIOS type *	UEFI AMI
Number of water pump connectors	1	BIOS memory size	256 Mbit
umber of temperature sensor eaders	1	Packaging data	
GB LED pin header	✓	Package width	353 mm
lumber of RGB LED pin headers	3	Package depth	273 mm
Rear panel I/O ports		Package height	68 mm
JSB 2.0 ports quantity *	4	Package weight	2.08 kg
USB 3.2 Gen 1 (3.1 Gen 1) Type-A	4	Weight & dimensions	
ports quantity *	4	Width	305 mm
JSB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3	Depth	244 mm
JSB4 Gen 3x2 ports quantity	2	Height	48 mm
332. 3311 3AE ports qualitity	_	Packaging content	
		Cables included	SATA
		Antenna included	✓
		Screws included	✓
		Other features	
		Weight	1.56 kg
		Quick installation guide	✓



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## **Catalog Object Cloud**



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