

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

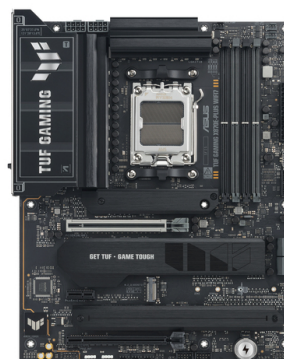
Brand : ASUS

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 *	AMD	Ethernet LAN (RJ-45) ports *	1
Processor socket *	Socket AM5	HDMI ports quantity *	1
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	Headphone outputs	1
Supported processor sockets	Socket AM5	Line-in	✓
Memory		Microphone in	✓
Supported memory types *	DDR5-SDRAM	WiFi-AP antenna jack	2
Number of memory slots *	4	Network	
Memory slots type	DIMM	Ethernet LAN	✓
Memory channels	Dual-channel	Ethernet interface type	2.5 Gigabit Ethernet
ECC compatibility	ECC & Non-ECC	Wi-Fi *	✓
Supported memory clock speed (max)	8000 MHz	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Maximum internal memory *	256 GB	Wi-Fi standards	Wi-Fi 7 (802.11be)
Unbuffered memory	✓	Bluetooth	✓
Storage controllers		Bluetooth version	5.4
Supported storage drive types	HDD & SSD	Features	
Supported storage drive interfaces *	M.2, PCI Express 4.0, PCI Express 5.0, SATA III	Motherboard chipset *	AMD X870E
Number of HDDs supported	4	Audio output channels *	7.1 channels
Number of storage drives supported	8	Product colour	Grey
RAID support	✓	Component for *	PC
RAID levels	0, 1, 5, 10	Motherboard form factor *	ATX
Graphics		Motherboard chipset family *	AMD
Parallel processing technology support *	Not supported	Cooling type	Passive
On-board graphics card	✗	Power source type	ATX
		Windows operating systems supported	Windows 11

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) connectors *	1	PCI Express x16 (Gen 4.x) slots	1
USB 3.2 Gen 2 (3.1 Gen 2) 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 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 generation	4.0
Number of EPS power connectors (8-pin)	2		
12V power connector	✓		
Number of water pump connectors	1		
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 *	4	BIOS type *	UEFI AMI
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	BIOS memory size	256 Mbit
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3		
USB4 Gen 3x2 ports quantity	2		
		Packaging data	
		Package width	353 mm
		Package depth	273 mm
		Package height	68 mm
		Package weight	2.08 kg
		Weight & dimensions	
		Width	305 mm
		Depth	244 mm
		Height	48 mm
		Packaging content	
		Cables included	SATA
		Antenna included	✓
		Screws included	✓
		Other features	
		Weight	1.56 kg
		Quick installation guide	✓



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