

ASUS TUF GAMING X870-PLUS WIFI AMD X870 Socket AM5 ATX

Brand : ASUS

Product code: 90MB1IU0-M0EAY0

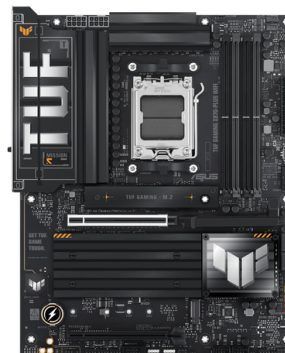
Product name : TUF GAMING X870-PLUS WIFI

AMD AM5, AMD X870, 4 x DIMM slots, max. 192GB, DDR5, 1 x Realtek 2.5Gb Ethernet, 2x2 Wi-Fi 7 (802.11be), 256 Mb Flash ROM, UEFI AMI BIOS, ATX

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TUF GAMING X870-PLUS WIFI

ASUS TUF GAMING X870-PLUS WIFI takes all the essential elements of the latest AMD Ryzen™ processors and combines them with game-ready features and proven durability. Engineered with military-grade components, an upgraded power solution and a comprehensive cooling system, this motherboard goes beyond expectations with rock-solid and stable performance for marathon gaming. TUF GAMING motherboards also undergo rigorous endurance testing to ensure that they can handle conditions where others may fail. This platform delivers the power and connectivity that advanced AI PC applications demand.



Processor		Internal I/O	
Processor manufacturer *	AMD	Number of COM connectors	1
Processor socket *	Socket AM5	12V power connector	✓
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	Rear panel I/O ports	
Memory		USB 2.0 ports quantity *	1
Supported memory types *	DDR5-SDRAM	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Number of memory slots *	4	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3
Memory slots type	DIMM	USB4 Gen 3x2 ports quantity	2
Memory channels	Dual-channel	Ethernet LAN (RJ-45) ports *	1
ECC compatibility	ECC & Non-ECC	HDMI ports quantity *	1
Supported memory clock speed (max)	8000 MHz	Microphone in	✓
Maximum internal memory *	192 GB	USB connector type	USB Type-A, USB Type-C
Unbuffered memory	✓	Network	
Storage controllers		Ethernet LAN	✓
Supported storage drive types	HDD & SSD	Ethernet interface type	2.5 Gigabit Ethernet, Fast Ethernet, Gigabit Ethernet
Supported storage drive interfaces *	M.2, SATA III	Wi-Fi *	✓
Number of HDDs supported	2	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Number of storage drives supported	6	Wi-Fi standards	Wi-Fi 7 (802.11be)
RAID support	✓	Bluetooth	✓
RAID levels	0, 1, 5, 10	Bluetooth version	5.4
Graphics		Features	
Parallel processing technology support *	Not supported	Motherboard chipset *	AMD X870
On-board graphics card	✗	Audio chip	Realtek ALC1220P
		Audio output channels *	7.1 channels
		Product colour	Black

Internal I/O		Features	
USB 2.0 connectors *	2	Component for *	PC
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Motherboard form factor *	ATX
USB 3.2 Gen 2x2 connectors	1	Motherboard chipset family *	AMD
Number of SATA III connectors *	2	Windows operating systems supported	Windows 11
Front panel audio connector	✓	Expansion slots	
ATX Power connector (24-pin)	✓	PCI Express x16 (Gen 4.x) slots	1
CPU fan connector	✓	Number of M.2 (M) slots	4
Number of chassis fan connectors	4	BIOS	
EPS power connector (8-pin)	✓	BIOS type *	UEFI AMI
		BIOS memory size	256 Mbit
		Weight & dimensions	
		Width	305 mm
		Depth	244 mm



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Catalog Object Cloud



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