

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

Brand : ASUS

Product code: 90MB1IU0-M0EAY0

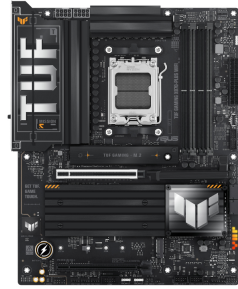
Product name : TUF GAMING X870-PLUS WIFI

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 7 7th Gen, AMD Ryzen 7	Rear panel I/O ports	
	8th Gen, AMD Ryzen 9 7th Gen, AMD Ryzen 9 8th Gen, AMD Ryzen 9 9th Gen	USB 2.0 ports quantity *	1
Memory		USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Supported memory types *	DDR5-SDRAM	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3
Number of memory slots *	4	USB4 Gen 3x2 ports quantity	2
Memory slots type	DIMM	Ethernet LAN (RJ-45) ports *	1
Memory channels	Dual-channel	HDMI ports quantity *	1
ECC	✓	Microphone in	✓
Non-ECC	✓	USB connector type	USB Type-A, USB Type-C
Supported memory clock speed (max)	8000 MHz	Network	
Maximum internal memory *	192 GB	Ethernet LAN	✓
Unbuffered memory	✓	Ethernet interface type	2.5 Gigabit Ethernet, Fast Ethernet, Gigabit Ethernet
Storage controllers		Wi-Fi *	✓
Supported storage drive types	HDD & SSD	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Supported storage drive interfaces *	M.2, SATA III	Wi-Fi standards	Wi-Fi 7 (802.11be)
Number of HDDs supported	2	Bluetooth	✓
Number of storage drives supported	6	Bluetooth version	5.4
RAID support	✓	Features	
RAID levels	0, 1, 5, 10	Motherboard chipset *	AMD X870
Graphics		Audio chip	Realtek ALC1220P
Parallel processing technology support *	Not supported	Audio output channels *	7.1 channels
Internal I/O		Product colour	Black
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
		Windows operating systems supported	Windows 11

Internal I/O		Expansion slots	
Number of SATA III connectors *	2	PCI Express x16 (Gen 4.x) slots	1
Front panel audio connector	✓	Number of M.2 (M) slots	4
ATX Power connector (24-pin)	✓	BIOS	
CPU fan connector	✓	BIOS type *	UEFI AMI
Number of chassis fan connectors	4	BIOS memory size	256 Mbit
EPS power connector (8-pin)	✓	Weight & dimensions	
		Width	305 mm
		Depth	244 mm



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Publication date: 06-SEP-2024. Prints or copies of Information are only valid on the printed Publication date