

ASUS TUF GAMING X670E-PLUS AMD X670 Socket AM5 ATX

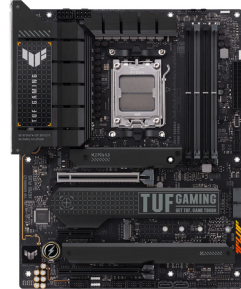
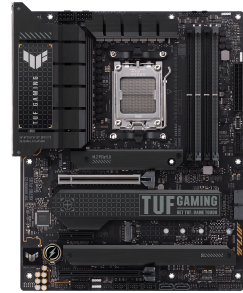
Brand : ASUS

Product code: 90MB1BJ0-M0EAY0

Product name : TUF GAMING X670E-PLUS

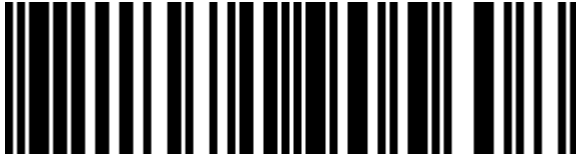
TUF GAMING X670E-PLUS Mainboard Socket AMD AM5 (Ryzen 7000, ATX, PCIe 5.0, DDR5-Speicher, 4x M.2, USB 3.2 Gen 2x2 Typ-C, Aura Sync)

ASUS TUF GAMING X670E-PLUS. Processor manufacturer: AMD, Processor socket: Socket AM5, Supported processor sockets: Socket AM5. Supported memory types: DDR5-SDRAM, Maximum internal memory: 128 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 10. Maximum resolution: 7680 x 4320 pixels. Ethernet interface type: 2.5 Gigabit Ethernet



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	DisplayPorts quantity	1
Processor socket *	Socket AM5	Headphone outputs	1
Supported processor sockets	Socket AM5	Microphone in	✓
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	Features	
ECC	✓	Motherboard chipset *	AMD X670
Non-ECC	✓	Audio chip	Realtek S1220A
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400 MHz	Audio output channels *	7.1 channels
Supported memory clock speed (max)	6400 MHz	Component for *	PC
Maximum internal memory *	128 GB	Motherboard form factor *	ATX
Unbuffered memory	✓	Motherboard chipset family *	AMD
Storage controllers		Power source type	ATX
Supported storage drive types	HDD & SSD	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Supported storage drive interfaces *	M.2, SATA III	Expansion slots	
RAID support	✓	PCI Express x4 slots	1
RAID levels	0, 1, 10	PCI Express x16 (Gen 4.x) slots	1
Graphics		PCI Express x16 (Gen 5.x) slots	1
Parallel processing technology support *	Not supported	Number of M.2 (M) slots	4
Maximum resolution	7680 x 4320 pixels	BIOS	
Internal I/O		BIOS type *	UEFI AMI
USB 2.0 connectors *	3	BIOS memory size	256 Mbit
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Packaging data	
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Package width	338 mm
Number of SATA III connectors *	4	Package depth	273 mm
Front panel audio connector	✓	Package height	68 mm
Front panel connector	✓	Package weight	2.35 kg

Internal I/O		Weight & dimensions	
ATX Power connector (24-pin)	✓	Width	305 mm
CPU fan connector	✓	Depth	244 mm
Number of chassis fan connectors	4	Packaging content	
Peripheral (Molex) power connectors (4-pin)	1	Cables included	SATA
EPS power connector (8-pin)	✓	User guide	✓
Number of COM connectors	1	Drivers included	✓
Thunderbolt headers	1	Other features	
12V power connector	✓	<p>TUF PROTECTION - DIGI+ VRM (- Digital power design with DrMOS) - ESD Guards - LANGuard - Overvoltage Protection - Safeslot Core+ - Stainless-Steel Back I/O ASUS Q-Design - M.2 Q-Latch - Q-DIMM - Q-LED (CPU [red], DRAM [yellow], VGA [white], Boot Device [yellow green]) - Q-Slot ASUS Thermal Solution - M.2 heatsink - VRM heatsink design ASUS EZ DIY - BIOS FlashBack™ button - BIOS FlashBack™ LED - Clear CMOS header - ProCool - Pre-mounted I/O shield - SafeSlot - SafeDIMM AURA Sync - AURA RGB header - Addressable Gen 2 headers TUF PROTECTION - DIGI+ VRM (- Digital power design with DrMOS) - ESD Guards - LANGuard - Overvoltage Protection - Safeslot - Stainless-Steel Back I/O ASUS Q-Design - M.2 Q-Latch - Q-DIMM - Q-LED (CPU [red], DRAM [yellow], VGA [white], Boot Device [yellow green]) - Q-Slot ASUS Thermal Solution - M.2 heatsink - VRM heatsink design ASUS EZ DIY - BIOS FlashBack™ button - BIOS FlashBack™ LED - Clear CMOS header - ProCool - Pre-mounted I/O shield - SafeSlot - SafeDIMM AURA Sync - AURA RGB header - Addressable Gen 2 headers</p> <p>Cables 2 x SATA 6Gb/s cables Miscellaneous 2 x Rubber packages for M.2 2 x Screw packages for M.2 SSD Documentation 1 x TUF certification card 1 x User guide</p>	
RGB LED pin header	✓		
Rear panel I/O ports			
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	5		
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3		
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1		
USB 3.2 Gen 2x2 Type-C ports quantity	1		
Ethernet LAN (RJ-45) ports *	1		
HDMI ports quantity *	1		
HDMI version	2.1		
		Special features	
		Packaging content	



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Publication date: 18-JUN-2024. Prints or copies of Information are only valid on the printed Publication date