

ASUS TUF GAMING X670E-PLUS AMD X670 Socket AM5 ATX

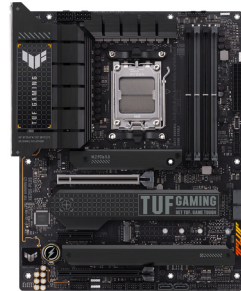
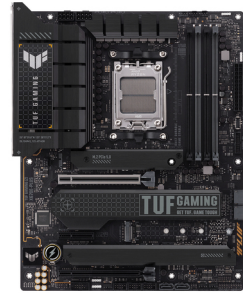
Brand : ASUS

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	Headphone outputs	1
Processor socket *	Socket AM5	Microphone in	✓
Supported processor sockets	Socket AM5	Network	
Memory		Ethernet LAN	✓
Supported memory types *	DDR5-SDRAM	Ethernet interface type	2.5 Gigabit Ethernet
Number of memory slots *	4	Wi-Fi *	✗
Memory slots type	DIMM	Features	
Memory channels	Dual-channel	Motherboard chipset *	AMD X670
ECC compatibility	ECC & 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

Internal I/O		Packaging data	
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
ATX Power connector (24-pin)	✓	Weight & dimensions	
CPU fan connector	✓	Width	305 mm
Number of chassis fan connectors	4	Depth	244 mm
Peripheral (Molex) power connectors (4-pin)	1	Packaging content	
EPS power connector (8-pin)	✓	Cables included	SATA
Number of COM connectors	1	User guide	✓
Thunderbolt headers	1	Drivers included	✓
12V power connector	✓	Other features	
RGB LED pin header	✓	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	
Rear panel I/O ports		Special features	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
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	5	Packaging content	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
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		
DisplayPorts quantity	1		



4711081905608

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 21-DEC-2024. Prints or copies of Information are only valid on the printed Publication date