ASUS TUF GAMING X670E-PLUS WIFI AMD X670 Socket AM5 ATX
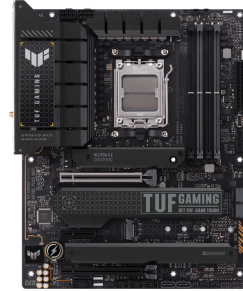
Brand : ASUS

Product code: 90MB1BK0-M0EAY0

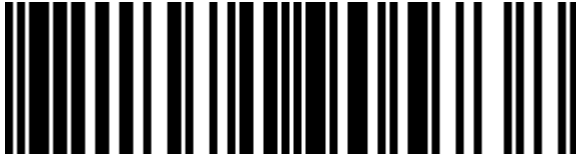**Product name :** TUF GAMING X670E-PLUS WIFI

TUF GAMING X670E-PLUS WIFI Mainboard Sockel AMD AM5 (Ryzen 7000, ATX, PCIe 5.0, DDR5-Speicher, 4x M.2, WiFi 6E, USB 3.2 Gen 2x2 Typ-C, Aura Sync)
ASUS TUF GAMING X670E-PLUS WIFI. Processor manufacturer: AMD, Processor socket: Socket AM5, Compatible processor series: AMD Ryzen 7000 Series. Supported memory types: DDR5-SDRAM, Maximum internal memory: 192 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, Top Wi-Fi standard: Wi-Fi 6E (802.11ax), Wi-Fi standards: 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E...

Processor

Processor manufacturer *	AMD
Processor socket *	Socket AM5
Compatible processor series *	AMD Ryzen 7000 Series
Supported processor sockets	Socket AM5

Memory

Supported memory types *	DDR5-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	ECC & Non-ECC
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400,6600,6800,7000,7200,7600,7800,8000 MHz
Supported memory clock speed (max)	6400 MHz
Maximum internal memory *	192 GB
Unbuffered memory	✔

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, SATA III
RAID support	✔
RAID levels	0, 1, 10

Graphics

Parallel processing technology support *	Not supported
On-board graphics card	✘
Maximum resolution	7680 x 4320 pixels

Internal I/O

USB 2.0 connectors *	3
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1
Number of SATA III connectors *	4

Rear panel I/O ports

Microphone in	✔
S/PDIF out port	✘

Network

Ethernet LAN	✔
Ethernet interface type	2.5 Gigabit Ethernet
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax)
Bluetooth	✔
Bluetooth version	5.2

Features

Motherboard chipset *	AMD X670
Audio output channels *	7.1 channels
Product colour	Black
Component for *	PC
Motherboard form factor *	ATX
Motherboard chipset family *	AMD
Power source type	ATX
Windows operating systems supported	Windows 10 x64, Windows 11 x64

Expansion slots

PCI Express x4 slots	1
PCI Express x16 (Gen 4.x) slots	1
PCI Express x16 (Gen 5.x) slots	1
Number of M.2 (M) slots	4

Internal I/O

Front panel audio connector	✔
Front panel connector	✔
ATX Power connector (24-pin)	✔
CPU fan connector	✔
Number of chassis fan connectors	4
Peripheral (Molex) power connectors (4-pin)	1
EPS power connector (8-pin)	✔
Number of COM connectors	1
Thunderbolt headers	1
12V power connector	✔
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
DisplayPorts quantity	1
Headphone outputs	1
Line-in	✔

BIOS

BIOS type *	UEFI AMI
BIOS memory size	256 Mbit

Packaging data

Package width	338 mm
Package depth	273 mm
Package height	68 mm
Package weight	2.55 kg

Weight & dimensions

Width	305 mm
Depth	244 mm

Packaging content

Cables included	SATA
User guide	✔
Drivers included	✔

Other features

Special features	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
Packaging content	Cables 2 x SATA 6Gb/s cables Miscellaneous 1 x ASUS Wi-Fi moving antenna 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

4711081905738

4711081905745