

ASUS TUF GAMING X670E-PLUS AMD X670 Socket AM5 ATX

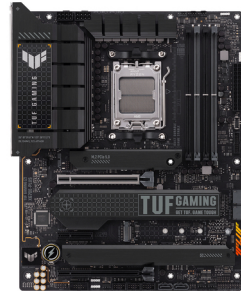
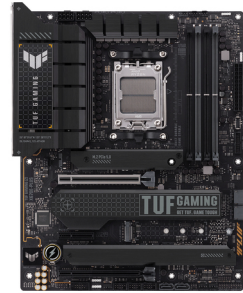
Brand : ASUS

Product code: 90MB1BJ0-M0EAY0

Product name : TUF GAMING X670E-PLUS

TUF GAMING X670E-PLUS Mainboard Sockel 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 | ✓ | <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</p> <p>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> | |
| 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 | | |
| | | Special features | |
| | | Packaging content | |



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