

ASUS ROG Strix X670E-A Gaming WiFi - motherboard - ATX - Socket AM5 - AMD X670E



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SKU	90MB1BM0-M0EAY0
Product Description:	ASUS ROG Strix X670E-A Gaming WiFi - motherboard - ATX - Socket AM5 - AMD X670E
Product Type:	Motherboard - ATX
Chipset Type:	AMD X670E
Processor Socket:	1 x Socket AM5
Compatible Processors:	Ryzen (supports Ryzen 7000 Series)
Max RAM Size:	192 GB
RAM Supported:	4 DIMM slots - DDR5, non-ECC, ECC, ECC (operate in non-ECC mode), on-die ECC, unbuffered

General

Product Type:	Motherboard - ATX
Chipset Type:	AMD X670E
Processor Socket:	Socket AM5
Max Processors Qty:	1
Compatible Processors:	Ryzen (supports Ryzen 7000 Series)

Supported RAM

Max Size:	192 GB
Technology:	DDR5
Bus Clock:	5400 MHz (O.C.), 5600 MHz (O.C.), 5800 MHz (O.C.), 6000 MHz (O.C.), 4800 MHz, 6200 MHz (O.C.), 6400 MHz (O.C.), 5200 MHz, 5000 MHz
Supported RAM Integrity Check:	Non-ECC, ECC, ECC (operate in non-ECC mode), on-die ECC
Registered or Buffered:	Unbuffered

Miscellaneous

Included Accessories:	Cable ties, STRIX stickers, ROG thank you card, thermal pad for M.2 SSD, ROG key chain, ASUS Wi-Fi moving aerial, M.2 Q-Latch, 2 x M.2 rubber package, M.2 backplate rubber package, M.2 backplate Q-Latch
Cables Included:	2 x Serial ATA cable
Software Included:	ROG CPU-Z, ASUS AI Suite III, ASUS Turbo App, PC Cleaner, WinRAR, Sonic Studio Virtual Mixer, ROG GameFirst VI, AIDA64 Extreme (60 days trial), ASUS AURA Creator, Sonic Suite Companion, MyAsus, Armoury Crate, Sonic Studio III, Sonic Radar III, ASUS Fan Xpert 4
Compliant Standards:	VCCI Class B ITE, JATE, WEEE, FCC Part 15 Class B, DisplayPort 1.4, EU RoHS, UKCA, EU REACH
Width:	30.5 cm
Depth:	24.4 cm

Features

BIOS Type:	AMI
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Supported RAM

Features:	Dual channel memory architecture, supported ECC modules operate in non-ECC mode, AMD EXPO technology
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Audio

Type:	HD Audio (8-channel)
Audio Codec:	Realtek ALC4080
Compliant Standards:	High Definition Audio

LAN

Network Controller:	Intel I225-V
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Network Interfaces:	2.5 Gigabit Ethernet, 802.11a/b/g/n/ac/ax, Bluetooth 5.2
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Expansion / Connectivity

Expansion Slots:	1 x CPU ; 4 x DIMM 288-pin ; 1 x PCIe 5.0 x16 ; 1 x PCIe 4.0 x16 (x4 mode) ; 1 x PCIe 3.0 x1 ; 3 x M.2 socket (2242/2260/2280 M.2 Key M slot) ; 1 x M.2 socket (2242/2260/2280/22110 M.2 Key M slot)
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Storage Interfaces:	SATA-600 -connectors: 4 x 7pin Serial ATA - RAID 0 / RAID 1 / RAID 10 ; PCIe 4.0 -connectors: 2 x M.2 - RAID 0 / RAID 1 / RAID 10 ; PCIe 5.0 -connectors: 2 x M.2 - RAID 0 / RAID 1 / RAID 10
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Interfaces:	1 x HDMI ; 1 x DisplayPort ; 1 x USB-C 3.2 Gen2x2 ; 7 x USB 3.2 Gen 2 ; 1 x USB-C 3.2 Gen 2 ; 1 x USB 3.2 Gen 1 ; 2 x USB 2.0 ; 1 x audio line-in - mini-jack ; 1 x microphone - mini-jack ; 1 x audio line-out - mini-jack ; 1 x audio line-out (center/subwoofer) - mini-jack ; 1 x audio line-out (rear) - mini-jack ; 2 x aerial ; 1 x SPDIF out ; 1 x LAN (2.5Gigabit Ethernet)
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Internal Interfaces:	4 x USB 2.0 - header ; 2 x USB 3.2 Gen 1 - header ; 1 x USB-C 3.2 Gen 2x2 - header ; 1 x audio - header ; 1 x Thunderbolt - header
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Power Connectors:	24-pin main power connector, 2 x 8-pin ATX12V connectors
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Features

BIOS Features:	UEFI BIOS, ASUS EZ Flash 3
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Sleep / Wake Up:	Wake on LAN (WOL), wake on PME
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Hardware Features:	Jack retasking, ASUS Q-Design, Q-DIMM, ASUS EZ DIY, Q-LED, Q-Slot, ASUS Extreme Engine Digi+, CrashFree BIOS 3, audio jack detect technology, 16+2 Phase Power Design, ASUS TPU (TurboV Processing Unit), ASUS DIGI+ VRM, SupremeFX Shielding technology, Preboot eXecution Environment (PXE), 8 Layer PCB, Clear CMOS Button, LANGuard, ASUS SafeSlot, ASUS SafeDIMM, M.2 heatsink, Water Pump Header, pre-mounted I/O shield, ASUS Aura Sync, ASUS OptiMem II, DIY Friendly Design, FlexKey button, ASUS ProCool II, 70A Power Stage, Savitech SV3H712 amplifier, M.2 Q-Latch, 5K Black Metallic Capacitors, PCIe Slot Q-Release, VRM heatsink design, BIOS FlashBack button, BIOS FlashBack LED, ASUS Enhanced Memory Profile (AEMP)
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