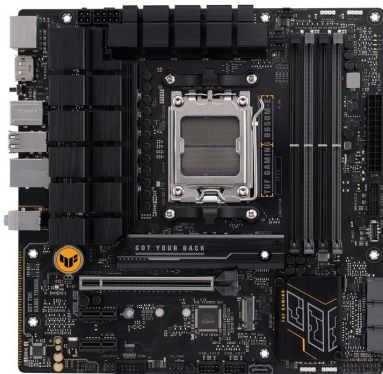


ASUS TUF GAMING B650M-E - motherboard - micro ATX - Socket AM5 - AMD B650



27-05-2024

SKU	TUF GAMING B650M-E
Product Description:	ASUS TUF GAMING B650M-E - motherboard - micro ATX - Socket AM5 - AMD B650
Product Type:	Motherboard - micro ATX
Chipset Type:	AMD B650
Processor Socket:	1 x Socket AM5
Compatible Processors:	Ryzen (supports Ryzen 7000/8000 Series)
Max RAM Size:	192 GB
RAM Supported:	4 DIMM slots - DDR5, non-ECC, ECC, on-die ECC, unbuffered

General

Product Type:	Motherboard - micro ATX
Chipset Type:	AMD B650
Processor Socket:	Socket AM5
Max Processors Qty:	1
Compatible Processors:	Ryzen (supports Ryzen 7000/8000 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.), 6600 MHz (O.C.), 7000 MHz (O.C.), 6800 MHz (O.C.), 7200 MHz (O.C.), 5200 MHz, 5000 MHz, 7600 MHz (O.C.)
Supported RAM Integrity Check:	Non-ECC, ECC, on-die ECC
Registered or Buffered:	Unbuffered
Features:	Dual channel memory architecture, AMD EXPO technology

Miscellaneous

Included Accessories:	IO shield, 1 x M.2 rubber package, M.2 screw package, TUF certification card, TUF GAMING sticker
Cables Included:	2 x Serial ATA cable
Software Included:	ASUS AI Suite III, PC Cleaner, WinRAR, ASUS TUF GAMING CPU-Z, ASUS AURA Creator, Armoury Crate, ASUS Fan Xpert 2+, Norton 360 for Gamers (60 days trial)
Width:	24.4 cm
Depth:	24.4 cm
BIOS Type:	AMI
BIOS Features:	UEFI BIOS, ASUS EZ Flash 3

Features

Audio

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

LAN

Network Interfaces:	2.5 Gigabit Ethernet
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Features

Hardware Features:	Jack retasking, ASUS Q-Design, 12+2 Phase Power Design, ESD Guards, ASUS TurboV EVO, Q-DIMM, ASUS EZ DIY, Q-LED, Q-Slot, CrashFree BIOS 3, audio jack detect technology, ASUS DIGI+ VRM, ASUS Stainless Steel Back I/O, TUF LANGuard, TUF Components, overvoltage protection, ASUS SafeDIMM, M.2 heatsink, ASUS ProCool, Water Pump Header, pre-mounted I/O shield, ASUS TUF Protection, ASUS Aura Sync, ASUS OptiMem II, ASUS SafeSlot Core+, M.2 Q-Latch, VRM heatsink design, BIOS FlashBack button, BIOS FlashBack LED, 60A Power Stage
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Expansion / Connectivity

Expansion Slots:	1 x CPU 4 x DIMM 288-pin 1 x PCIe 4.0 x16 2 x PCIe 4.0 x1 2 x M.2 socket (2242/2260/2280 M.2 Key M slot)
Storage Interfaces:	SATA-600 -connectors: 4 x 7pin Serial ATA - RAID 0 / RAID 1 / RAID 10 PCIe 4.0 - connectors: 1 x M.2 PCIe 5.0 -connectors: 1 x M.2
Interfaces:	1 x HDMI 2 x DisplayPort 1 x USB-C 3.2 Gen 2 1 x USB 3.2 Gen 2 2 x USB 3.2 Gen 1 4 x USB 2.0 1 x audio line-in - mini-jack 1 x audio line-out - mini-jack 1 x microphone - mini-jack 1 x PS/2 keyboard / mouse 1 x LAN (2.5Gigabit Ethernet)
Internal Interfaces:	1 x USB-C 3.2 Gen 1 - header 2 x USB 3.2 Gen 1 - header 4 x USB 2.0 - header 1 x audio - header 1 x serial - header
Power Connectors:	4-pin ATX12V connector, 24-pin main power connector, 8-pin ATX12V connector

