

ASUS TUF GAMING B450M-PRO II - motherboard - micro ATX - Socket AM4 - AMD B450



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SKU	90MB1610-M0EAY0
Product Description:	ASUS TUF GAMING B450M-PRO II - motherboard - micro ATX - Socket AM4 - AMD B450
Product Type:	Motherboard - micro ATX
Chipset Type:	AMD B450
Processor Socket:	1 x Socket AM4
Compatible Processors:	Athlon, Ryzen (supports 1st,2nd and 3rd Generation Ryzen / Ryzen with Radeon Vega Graphics and 2nd Generation Ryzen with Radeon Graphics / Athlon with Radeon Vega Graphics)
Max RAM Size:	128 GB
RAM Supported:	4 DIMM slots - DDR4, non-ECC, ECC, unbuffered

General

Product Type:	Motherboard - micro ATX
Chipset Type:	AMD B450
Processor Socket:	Socket AM4
Max Processors Qty:	1
Compatible Processors:	Athlon, Ryzen (supports 1st,2nd and 3rd Generation Ryzen / Ryzen with Radeon Vega Graphics and 2nd Generation Ryzen with Radeon Graphics / Athlon with Radeon Vega Graphics)

Supported RAM

Max Size:	128 GB
Technology:	DDR4

Miscellaneous

Included Accessories:	1 x M.2 screw, I/O back cover, TUF stickers
Cables Included:	2 x Serial ATA cable
Software Included:	Drivers & Utilities, ASUS AI Suite III, ASUS EZ Update, PC Cleaner, ASUS EZ Flash 3, DAEMON Tools, WinRAR, Norton AntiVirus (60 days trial), ASUS TUF GAMING CPU-Z
Width:	24.4 cm
Depth:	24.4 cm

Features

BIOS Type:	AMI
BIOS Features:	UEFI BIOS
Sleep / Wake Up:	Wake on LAN (WOL)

Supported RAM

Bus Clock: 2400 MHz, 2133 MHz, 2666 MHz, 2800 MHz (O.C.), 3000 MHz (O.C.), 3200 MHz (O.C.), 3400 MHz (O.C.), 3466 MHz (O.C.), 3733 MHz (O.C.), 3600 MHz (O.C.), 3866 MHz (O.C.), 4000 MHz (O.C.), 4400 MHz (O.C.), 3533 MHz (O.C.)

Supported RAM Integrity Check: Non-ECC, ECC

Registered or Buffered: Unbuffered

Features: Dual channel memory architecture

Audio

Type: HD Audio (8-channel)

Audio Codec: Realtek ALC51220A

Compliant Standards: High Definition Audio, DTS Custom

LAN

Network Controller: Realtek RTL8111H

Network Interfaces: Gigabit Ethernet

Features

Hardware Features: Jack retasking, ASUS Q-Design, ESD Guards, ASUS TurboV EVO, Q-DIMM, ASUS EZ DIY, Q-Slot, CrashFree BIOS 3, audio jack detect technology, ASUS EPU (Energy Processing Unit), ASUS DIGI+ VRM, AMD CrossFireX technology support, Preboot eXecution Environment (PXE), ASUS Stainless Steel Back I/O, ASUS Fan Xpert 2+, TUF LANGuard, ASUS Overvoltage Protection, TUF Components, ASUS SafeSlot, ASUS TUF Protection, ASUS Aura Sync, Armoury Crate

Expansion / Connectivity

Expansion Slots: 1 x CPU ; 4 x DIMM 288-pin ; 1 x PCIe 3.0 x16 (x16 mode (with 1st, 2nd and 3rd Generation Ryzen CPU); x8 mode (with Ryzen with Radeon Vega Graphics and 2nd Generation Ryzen with Radeon Vega Graphics); x4 mode (with Athlon with Radeon Vega Graphics)) ; 1 x PCIe 2.0 x1 ; 1 x PCIe 2.0 x16 (x4 mode)

Storage Interfaces: SATA-600 -connectors: 8 x 7pin Serial ATA - RAID 0 / RAID 1 / RAID 10 ; SATA-600 / PCIe 3.0 -connectors: 2 x M.2

Interfaces: 1 x LAN (Gigabit Ethernet) ; 1 x PS/2 keyboard / mouse ; 1 x audio line-in - mini-jack ; 1 x audio line-out - mini-jack ; 1 x microphone - mini-jack ; 1 x HDMI ; 1 x DisplayPort ; 2 x USB 2.0 ; 1 x USB 3.2 Gen 2 ; 1 x USB-C Gen2 ; 4 x USB 3.2 Gen 1

Internal Interfaces: 4 x USB 2.0 - header ; 2 x USB 3.2 Gen 1 - header ; 1 x serial - header ; 1 x SPDIF out - header ; 1 x audio - header ; 1 x speaker - header

Power Connectors: 24-pin main power connector, 8-pin ATX12V connector

