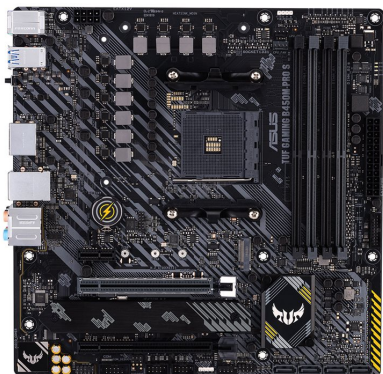


ASUS TUF GAMING B450M-PRO S - motherboard - micro ATX - Socket AM4 - AMD B450



13-05-2024

SKU	90MB1560-M0EAY0
Product Description:	ASUS TUF GAMING B450M-PRO S - motherboard - micro ATX - Socket AM4 - AMD B450
Product Type:	Motherboard - micro ATX
Chipset Type:	AMD B450
Processor Socket:	1 x Socket AM4
Compatible Processors:	Ryzen (supports 2nd and 3rd Generation Ryzen / 1st and 2nd Generation Ryzen with Radeon Vega Graphics)
Max RAM Size:	128 GB
RAM Supported:	4 DIMM slots - DDR4, ECC, unbuffered

General

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

Supported RAM

Max Size:	128 GB
Technology:	DDR4
Bus Clock:	2400 MHz, 2133 MHz, 2666 MHz, 2800 MHz (O.C.), 3000 MHz (O.C.), 3466 MHz (O.C.), 4400 MHz (O.C.), 3533 MHz (O.C.)
Supported RAM Integrity Check:	ECC

Miscellaneous

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

Features

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

Supported RAM

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 RTL8125B

Network Interfaces: 2.5 Gigabit Ethernet

Features

Hardware Features:

ASUS Q-Design, ESD Guards, ASUS TurboV EVO, Q-DIMM, ASUS EZ DIY, Q-LED, Q-Slot, CrashFree BIOS 3, ASUS EPU (Energy Processing Unit), ASUS DIGI+ VRM, AMD CrossFireX technology support, ASUS Enhanced DRAM Overcurrent Protection, Preboot eXecution Environment (PXE), ASUS Stainless Steel Back I/O, Turbo LAN, ASUS Fan Xpert 2+, TUF LANGuard, ASUS Overvoltage Protection, ASUS SafeSlot, 2oz Copper PCB, M.2 heatsink, ASUS ProCool, ASUS TUF Protection, ASUS Aura Sync, Armoury Crate, 8+2 DrMOS power stages

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

Interfaces:

1 x LAN (2.5Gigabit Ethernet) ; 4 x USB 3.2 Gen 1 ; 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 ; 2 x USB 2.0 ; 1 x DisplayPort ; 1 x HDMI ; 1 x USB 3.2 Gen 2 ; 1 x USB-C Gen2 ; 1 x audio line-out (rear) - mini-jack ; 1 x audio line-out (center/subwoofer) - mini-jack ; 1 x TOSLINK

Internal Interfaces:

4 x USB 2.0 - header ; 2 x USB 3.2 Gen 1 - header ; 1 x serial - header ; 1 x audio - header ; 1 x speaker - header

Power Connectors:

24-pin main power connector, 8-pin ATX12V connector

