

Produktinformation



Information

<i>Tillverkare</i>	Asus
<i>Artnr</i>	90MB0YMO-M0EAY0

ASUS TUF B450-PLUS GAMING - Motherboard - ATX - Socket AM4 - AMD B450 - USB 3.1 Gen 1, USB 3.1 Gen 2, USB-C Gen1 - Gigabit LAN - onboard graphics (CPU required) - HD Audio (8-channel)

TUF Gaming motherboards are specially designed and tested to survive and thrive in conditions where other boards would struggle. Engineered with highly durable components, these motherboards deliver unwavering stability for gaming sessions that last as long as you demand. System temperatures are key to a stable gaming rig - especially GPU temperatures. TUF Gaming motherboards include Fan Xpert 4 Core software that's able to intelligently control system fans based upon the input of multiple sensors, including the temperature of ASUS graphics cards. This ensures that your TUF Gaming system stays perfectly cooled, no matter how long you play. Hone your battle skills with exclusive DTS Custom onboard audio. Utilizing advanced emulation techniques to create positional cues via stereo headphones, DTS Custom takes onboard audio to a new frontier. With three presets - Aerial, Soundscape, and Tactical - for different genres, you'll have a distinct advantage in every game. A well-tuned system deserves a matching aesthetic. ASUS Aura offers full RGB lighting control with a variety of functional presets for the built-in RGB LEDs as well as strips connected to the onboard RGB headers. And it can all be synced with an ever-growing portfolio of Aura-capable hardware.

Specifikation

General

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

Supported RAM

Max Size	64 GB
Technology	DDR4

Bus Clock	2400 MHz, 2133 MHz, 2666 MHz, 2800 MHz (O.C.), 3000 MHz (O.C.), 3200 MHz (O.C.)
Supported RAM Integrity Check	ECC
Registered or Buffered	Unbuffered
Features	Dual channel memory architecture

Audio	
Type	HD Audio (8-channel)
Audio Codec	Realtek ALC887-VD2
Compliant Standards	High Definition Audio, DTS Custom

LAN	
Network Controller	Realtek RTL8111H
Network Interfaces	Gigabit Ethernet

Expansion / Connectivity	
Expansion Slots	1 x CPU 4 x DIMM 288-pin 1 x PCIe 3.0 x16 (x16 mode (with 1st and 2nd Generation Ryzen CPU); x8 mode (with Ryzen with Radeon Vega Graphics)) 3 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 -connectors: 2 x 7pin Serial ATA SATA-600 / PCIe 3.0 -connectors: 1 x M.2
Interfaces	1 x LAN (Gigabit Ethernet) 2 x USB 3.1 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 DVI-D 1 x HDMI 2 x USB 3.1 Gen 2 1 x USB-C Gen1
Internal Interfaces	4 x USB 2.0 - header 2 x USB 3.1 Gen 1 - header 1 x serial - header 1 x SPDIF out - header 1 x audio - header
Power Connectors	24-pin main power connector, 8-pin ATX12V connector

Features	
BIOS Type	AMI
BIOS Features	Multilingual BIOS, ASUS Quiet Thermal Solution, UEFI BIOS, ASUS EZ Flash 3, ACPI 6.1 support, SMBIOS 3.1 support
Sleep / Wake Up	Wake on LAN (WOL), wake on PME
Hardware Features	C.P.R. (CPU Parameter Recall), ASUS Q-Design, ESD Guards, Q-DIMM, ASUS EZ DIY, Q-Slot, CrashFree BIOS 3, ASUS Q-Shield, 6 Phase Power Design, ASUS DIGI+ VRM, Fanless Design Heatsink, AMD CrossFireX technology support, Preboot eXecution Environment (PXE), ASUS Stainless Steel Back I/O, TUF LANGuard, ASUS Overvoltage Protection, TUF Components, AURA RGB Lighting Control, ASUS SafeSlot, ASUS Fan Xpert 4 Core, ASUS TUF Protection, AMD StoreMI technology, TUF Gaming Armor

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 Charger, ASUS AI Suite III, PC Cleaner, File Transfer
Width	30.5 cm
Depth	24.4 cm
Manufacturer Warranty	
Service & Support	Limited warranty - 3 years