

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

Brand : ASUS

Product code: 90MB10A0-M0EAY0

Product name : TUF B450M-PRO GAMING

- Realtek S1200A Codec: Features an unprecedented 108dB signal-to-noise ratio for the stereo line-out and a 103dB SNR for the line-in, providing pristine audio quality
 - Exclusive DTS Custom audio: Delivers positional cues to stereo headphones, helping you to pinpoint enemies and action
 - GPU Temperature Sensing & Fan Xpert 2+: Ensures every fan achieves the best balance of cooling performance and acoustics
 - TUF Protection: SafeSlot, ESD Guards, DDR4 overvoltage protection, Digi+ VRM, and stainless-steel back I/O for long-term reliability
 - Military-grade TUF Components: TUF LANGuard, TUF Chokes, TUF Capacitors, and TUF MOSFETs for maximum durability
 - Aura Sync RGB: Synchronize LED lighting with a vast portfolio of compatible PC gear
- AMD B450 mATX, AM4, 4x DDR4 3533 MHz, Dual M.2, USB 3.1, PCIe 3.0 x16, 4x SATA 6Gb/s, Gigabit RTL8111H, ALC S1220A, HDMI, DVI-D, 24.4x24.4 cm



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Processor socket *	Socket AM4	Ethernet LAN (RJ-45) ports *	1
Compatible processor series *	AMD Athlon, AMD Ryzen 2000 Series, AMD Ryzen 3000 Series	PS/2 ports quantity	1
Memory		HDMI ports quantity *	1
Supported memory types *	DDR4-SDRAM	DVI-D ports quantity *	1
Number of memory slots *	4	Headphone outputs	1
Memory slots type	DIMM	Microphone in	✓
Memory channels	Dual-channel	Network	
ECC compatibility	ECC	Ethernet LAN	✓
Supported memory clock speeds	3533,2133,2400,2666,2800,3000,3200,3466 MHz	Ethernet interface type	Gigabit Ethernet
Maximum internal memory *	64 GB	LAN controller	Realtek RTL8111H
Storage controllers		Features	
RAID levels	0, 1, 10	Motherboard chipset *	AMD B450
Graphics		Audio chip	Realtek ALC S1220A
Parallel processing technology support *	CrossFireX	Audio output channels *	8.0 channels
On-board graphics card	✓	Component for *	PC
Maximum resolution	4096 x 2160 pixels	Motherboard form factor *	micro ATX
Discrete graphics support	✓	Motherboard chipset family *	AMD
Internal I/O		Windows operating systems supported	Windows 10 Education x64, Windows 10 Enterprise x64, Windows 10 Home x64, Windows 10 Pro x64, Windows 7 x64
USB 2.0 connectors *	2	Expansion slots	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	PCI Express x1 (Gen 2.x) slots	1
Number of SATA III connectors *	6	PCI Express x16 (Gen 3.x) slots	1

Internal I/O		Expansion slots	
S/DPDIF out connector	✓	Number of M.2 (M) slots	2
Front panel audio connector	✓	BIOS	
ATX Power connector (24-pin)	✓	BIOS type *	UEFI AMI
CPU fan connector	✓	BIOS memory size	128 Mbit
Number of chassis fan connectors	2	ACPI version	6.1
EPS power connector (8-pin)	✓	Clear CMOS jumper	✓
Number of COM connectors	1	System Management BIOS (SMBIOS) version	3.1
Rear panel I/O ports		Logistics data	
USB 2.0 ports quantity *	2	Harmonized System (HS) code	84733020
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Weight & dimensions	
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Width	244 mm
		Depth	244 mm
		Packaging content	
		Cables included	SATA
		Manual	✓



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