

## ASUS TUF B450-PRO GAMING AMD B450 Socket AM4 ATX

**Brand :** ASUS

**Product code:** 90MB10C0-M0EAY0

**Product name :** TUF B450-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 4 Core: 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 ATX, 4x DDR4 3533 MHz, Dual M.2, USB 3.1 Gen 2, PCIe 3.0 x16, 4x SATA 6Gb/s, Gigabit RTL8111H, ALC S1220A, HDMI, DVI-D, 30.5x24.4 cm



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

Internal I/O		Expansion slots	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	PCI Express x1 (Gen 2.x) slots	3
Number of SATA III connectors *	6	PCI Express x16 (Gen 3.x) slots	1
S/DPDIF out connector	✓	Number of M.2 (M) slots	1
CPU fan connector	✓	<b>BIOS</b>	
Number of chassis fan connectors	3	BIOS type *	UEFI AMI
Number of COM connectors	1	BIOS memory size	128 Mbit
<b>Rear panel I/O ports</b>		ACPI version	6.1
USB 2.0 ports quantity *	2	Clear CMOS jumper	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Plug and Play	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	<b>Weight &amp; dimensions</b>	
		Width	305 mm
		Depth	244 mm
		<b>Packaging content</b>	
		Cables included	SATA
		Manual	✓



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