

## ASUS TUF GAMING B450-PLUS II AMD B450 Socket AM4 ATX

**Brand :** ASUS

**Product code:** 90MB1650-M0EAY0

**Product name :** TUF GAMING B450-PLUS II

- Comprehensive cooling: VRM heatsinks, PCH heatsink, Fan Xpert 4 core
  - Next-gen connectivity: USB 3.2 Gen 2 Type-A and Type-C support
  - Realtek S1200A codec: Pristine audio quality with unprecedented 108 dB signal-to-noise ratio for stereo line out and 103 dB SNR for line in
  - AI Noise-Canceling Microphone: Provides crystal-clear in-game voice communication
  - Aura Sync RGB Lighting: Synchronize LED lighting with a vast portfolio of compatible PC gear
- AMD B450, AM4, ATX, 4 x DIMM DDR4, M.2, HDMI, DisplayPort, USB 3.2 Gen 2 Type-A, USB 3.2 Gen 1 Type-A and Type-C, Aura Sync RGB

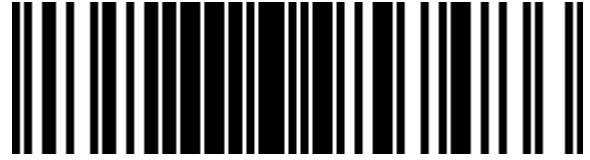


Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor socket *	Socket AM4	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Compatible processor series *	AMD Ryzen 3000 Series	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Maximum number of SMP processors	1	Ethernet LAN (RJ-45) ports *	1
Memory		HDMI ports quantity *	1
Supported memory types *	DDR4-SDRAM	HDMI version	2.0b
Number of memory slots *	4	DisplayPorts quantity	1
Memory slots type	DIMM	DisplayPort version	1.2
Memory channels	Dual-channel	USB connector type	USB Type-A, USB Type-C
ECC compatibility	ECC	Network	
Supported memory clock speeds	2133,2400,2666,2800,3000,3200,3400,3466,3533,3600,3733,3866,4000,4400	Ethernet LAN	✓
Maximum internal memory *	128 GB	Ethernet interface type	Gigabit Ethernet
Unbuffered memory	✓	LAN controller	Realtek L8200A
Storage controllers		Wi-Fi *	✗
Supported storage drive types	HDD & SSD	Features	
Supported storage drive interfaces *	M.2, SATA	Motherboard chipset *	AMD B450
RAID levels	0, 1, 10	Audio chip	Realtek ALC S1200A
Graphics		Audio output channels *	8 channels
Parallel processing technology support *	CrossFireX	Component for *	PC
Internal I/O		Motherboard form factor *	ATX
USB 2.0 connectors *	2	Motherboard chipset family *	AMD
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1		
Number of SATA III connectors *	6		

Internal I/O		Features	
Total number of SATA connectors	6	Cooling type	Active
S/PDIF out connector	✓	Power source type	ATX
Audio connector	✓	Number of mounting holes	8
Front panel audio connector	✓	Windows operating systems supported	Windows 10 x64, Windows 7 x64
ATX Power connector (24-pin)	✓	Expansion slots	
Number of EATX power connectors	1	PCI Express x1 (Gen 2.x) slots	3
CPU fan connector	✓	PCI Express x16 (Gen 3.x) slots	1
Number of chassis fan connectors	2	Number of M.2 (M) slots	1
Number of COM connectors	1	BIOS	
TPM connector	✓	BIOS type *	UEFI AMI
RGB LED pin header	✓	BIOS memory size	256 Mbit
Rear panel I/O ports		Clear CMOS jumper	✓
USB 2.0 ports quantity *	2	Logistics data	
		Harmonized System (HS) code	84733020
		Weight & dimensions	
		Width	305 mm
		Depth	244 mm
		Packaging content	
		Cables included	SATA
		Drivers included	✓



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