

## 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 *	3rd Generation AMD Ryzen™ 3, 3rd Generation AMD Ryzen 5, 3rd Generation AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 9	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
<b>Memory</b>		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	✓	<b>Network</b>	
Supported memory clock speeds	2133,2400,2666,2800,3000,3200,3400,3466,3533,3600,3733,3866,4000,4400 MHz	Ethernet LAN	✓
Maximum internal memory *	128 GB	Ethernet interface type	Gigabit Ethernet
Unbuffered memory	✓	LAN controller	Realtek L8200A
<b>Storage controllers</b>		Wi-Fi *	✗
Supported storage drive types	HDD & SSD	<b>Features</b>	
Supported storage drive interfaces *	M.2, SATA	Motherboard chipset *	AMD B450
RAID levels	0, 1, 10	Audio chip	Realtek ALC S1200A
<b>Graphics</b>		Audio output channels *	8 channels
Parallel processing technology support *	CrossFireX	Component for *	PC
<b>Internal I/O</b>		Motherboard form factor *	ATX
USB 2.0 connectors *	2	Motherboard chipset family *	AMD
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Cooling type	Active
Number of SATA III connectors *	6	Power source type	ATX
Total number of SATA connectors	6	Number of mounting holes	8
S/PDIF out connector	✓		

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



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