

## ASUS TUF Gaming B450M-Plus II AMD B450 Socket AM4 micro ATX

**Brand :** ASUS

**Product code:** 90MB1620-M0EAY0

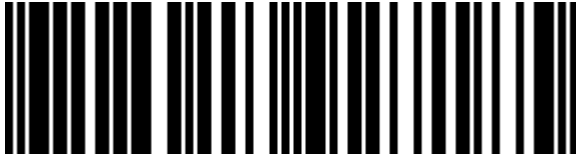
**Product name :** TUF Gaming B450M-Plus II

- Comprehensive cooling: VRM heatsink, PCH heatsink, Fan Xpert 2+
  - Next-gen connectivity: USB 3.2 Gen 2 Type-A support
  - 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) micro ATX gaming motherboard with M.2 support, AI Noise-Canceling Microphone, HDMI, DVI-D, USB 3.2 Gen 2 Type-A, USB 3.2 Gen 1 Type-A and Type-C, Aura Sync RGB lighting support



<b>Processor</b>		<b>Rear panel I/O ports</b>	
Processor manufacturer *	AMD	Ethernet LAN (RJ-45) ports *	1
Processor socket *	Socket AM4	PS/2 ports quantity	1
Compatible processor series *	AMD Ryzen 2000 Series, AMD Ryzen 3000 Series, AMD Ryzen Threadripper 1000 Series, AMD Ryzen Threadripper 2000 Series, AMD Ryzen Threadripper 3000 Series, AMD Ryzen Threadripper PRO 3000 WX-Series	HDMI ports quantity *	1
		DVI-D ports quantity *	1
		Headphone outputs	1
		Microphone in	✓
<b>Memory</b>		<b>Network</b>	
Supported memory types *	DDR4-SDRAM	Ethernet LAN	✓
Number of memory slots *	4	Ethernet interface type	Gigabit Ethernet
Memory slots type	DIMM	Wi-Fi *	✗
Memory channels	Dual-channel	<b>Features</b>	
ECC compatibility	ECC	Motherboard chipset *	AMD B450
Supported memory clock speeds	2133,2400,2666,2800,3000,3200,3400,3466,3533,3600,3733,3866,4000,4400 MHz	Audio chip	Realtek ALC887
Maximum internal memory *	128 GB	Audio output channels *	7.1 channels
Unbuffered memory	✓	Component for *	PC
<b>Storage controllers</b>		Motherboard form factor *	micro ATX
Supported storage drive interfaces *	M.2, SATA, SATA II, SATA III	Motherboard chipset family *	AMD
Number of storage drives supported	7	Windows operating systems supported	Windows 10 x64, Windows 7 x64
RAID levels	0, 1, 10	<b>Expansion slots</b>	
<b>Internal I/O</b>		PCI Express x1 (Gen 2.x) slots	1
USB 2.0 connectors *	2	PCI Express x16 (Gen 2.x) slots	3
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	<b>BIOS</b>	
Number of SATA III connectors *	6	BIOS type *	UEFI AMI
S/PDIF out connector	✓	BIOS memory size	256 Mbit
Audio connector	✓	ACPI version	6.1
Front panel audio connector	✓		
ATX Power connector (24-pin)	✓		

Internal I/O		Logistics data	
CPU fan connector	✓	Harmonized System (HS) code	84733020
Number of chassis fan connectors	2	<b>Weight &amp; dimensions</b>	
EPS power connector (8-pin)	✓	Width	244 mm
Number of COM connectors	1	Depth	244 mm
TPM connector	✓	Height	259 mm
12V power connector	✓	<b>Packaging content</b>	
RGB LED pin header	✓	Cables included	SATA
<b>Rear panel I/O ports</b>			Armoury Crate, Aura Creator, Aura Sync, AI Noise-Canceling Microphone, AI Suite 3, Performance And Power Saving Utility, TurboV EVO, EPU, Digi+ VRM, Fan Xpert 2+, EZ update, PC Cleaner, TUF GAMING, CPU-Z, AI Charger, ASUS Turbo LAN, DAEMON Tools, DTS Custom for GAMING Headsets, Norton Anti-virus software (Free Trial for 60 days), WinRAR, UEFI BIOS, ASUS EZ DIY, ASUS CrashFree BIOS 3, ASUS EZ Flash 3, ASUS UEFI BIOS EZ Mode
USB 2.0 ports quantity *	2	Bundled software	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2		
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1		
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1		
		<b>Other features</b>	
		Weight	849 g



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