

# 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



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	Ethernet LAN (RJ-45) ports *	1
Processor socket *	Socket AM4	PS/2 ports quantity	1
	AMD Ryzen™ 3, 2nd Generation	HDMI ports quantity *	1
	AMD Ryzen™ 3, 3rd Generation	DVI-D ports quantity *	1
	AMD Ryzen™ 3, AMD Ryzen™ 5,	Headphone outputs	1
	2nd Generation AMD Ryzen™ 5, 3rd	Microphone in	✓
	Generation AMD Ryzen 5, AMD		
	Ryzen™ 7, 2nd Generation AMD	<b>Network</b>	
	Ryzen™ 7, 3rd Generation AMD	Ethernet LAN	✓
	Ryzen™ 7, 3rd Generation AMD	Ethernet interface type	Gigabit Ethernet
	Ryzen™ 9, AMD Ryzen™	Wi-Fi *	✗
	Threadripper™, AMD Ryzen™		
	Threadripper™: The Second	<b>Features</b>	
	Generation, 3rd Gen AMD Ryzen™	Motherboard chipset *	AMD B450
	Threadripper™, AMD Ryzen	Audio chip	Realtek ALC887
	Threadripper Pro 3rd Gen	Audio output channels *	7.1 channels
		Component for *	PC
		Motherboard form factor *	micro ATX
		Motherboard chipset family *	AMD
		Windows operating systems supported	Windows 10 x64, Windows 7 x64
Memory		Expansion slots	
Supported memory types *	DDR4-SDRAM	PCI Express x1 (Gen 2.x) slots	1
Number of memory slots *	4	PCI Express x16 (Gen 2.x) slots	3
Memory slots type	DIMM		
Memory channels	Dual-channel	<b>BIOS</b>	
ECC	✓	BIOS type *	UEFI AMI
Supported memory clock speeds	2133,2400,2666,2800,3000,3200,3400,3466,3533,3600,3733,3866,4000,4400	BIOS memory size	256 Mbit
Maximum internal memory *	128 GB	ACPI version	6.1
Unbuffered memory	✓		
Storage controllers		Logistics data	
Supported storage drive interfaces *	M.2, SATA, SATA II, SATA III	Harmonized System (HS) code	84733020
Number of storage drives supported	7		
RAID levels	0, 1, 10	<b>Weight &amp; dimensions</b>	
		Width	244 mm
Internal I/O			
USB 2.0 connectors *	2		
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1		
Number of SATA III connectors *	6		
S/PDIF out connector	✓		
Audio connector	✓		
Front panel audio connector	✓		
ATX Power connector (24-pin)	✓		

Internal I/O		Weight & dimensions	
CPU fan connector	✓	Depth	244 mm
Number of chassis fan connectors	2	Height	259 mm
EPS power connector (8-pin)	✓	<b>Packaging content</b>	
Number of COM connectors	1	Cables included	SATA
TPM connector	✓	Bundled software	Armoury Crate, Aura Creator, Aura Sync, AI Noise-Canceling
12V power connector	✓		Microphone, AI Suite 3, Performance
RGB LED pin header	✓		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
<b>Rear panel I/O ports</b>		<b>Other features</b>	
USB 2.0 ports quantity *	2	Weight	849 g
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		



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