



ASUS TUF GAMING B550M-E AMD B550 Socket AM4 micro ATX

Brand : ASUS

Product code: 90MB17U0-M0EAY0

Product name : TUF GAMING B550M-E



- AMD AM4 Socket: Ready for Ryzen™ 5000 Series/ 4000 G-Series/ 3000 Series Desktop Processors
 - Enhanced Power Solution: Alloy Chokes, military-grade TUF components, and DIGI+ VRM for maximum durability
 - Comprehensive Cooling: Large VRM heatsink, M.2 heatsink, PCH fanless heatsink, hybrid fan headers, and Fan Xpert 2+ utility
 - Ultrafast Connectivity: Dual M.2, PCIe 4.0, USB 3.2 Gen 2 Type-A, and front USB 3.2 Gen 1 Type-C® support
 - Made for Online Gaming: 1 Gb Ethernet, TUF LANGuard and Turbo LAN technology
 - Aura Sync RGB Lighting: Onboard addressable Gen 2 headers and RGB headers for RGB LED strips, easily synced with Aura Sync-capable hardware
- microATX, AMD B550 chipset, Socket AM4, 4xDDR4 DIMM slots, 7.1ch audio, Gigabit LAN

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 2 (3.1 Gen 2) Type-A ports quantity *	2
Compatible processor series *	AMD Ryzen™ 3, AMD Ryzen™ 5, AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 9, AMD Ryzen 9 5th Gen	Ethernet LAN (RJ-45) ports *	1
Supported processor sockets	Socket AM4	PS/2 ports quantity	1
Memory		VGA (D-Sub) ports quantity *	1
Supported memory types *	DDR4-SDRAM	HDMI ports quantity *	1
Number of memory slots *	4	HDMI version	2.1
Memory slots type	DIMM	DisplayPorts quantity	1
Memory channels	Dual-channel	DisplayPort version	1.2
ECC	✓	Headphone outputs	3
Supported memory clock speeds	2133,2400,2666,2800,2933,3000,3200,3333,3400,3466,3600,3733,3866,4000,4100,4133,4200,4266,4333,4400,4466,4600,4800	Microphone in	✓
Maximum internal memory *	128 GB	USB connector type	USB Type-A
Unbuffered memory	✓	Network	
Storage controllers		Ethernet LAN	✓
Supported storage drive types	HDD & SSD	Ethernet interface type	Gigabit Ethernet
Supported storage drive interfaces *	M.2, PCI Express 3.0, SATA III	Wake-on-LAN ready	✓
Number of storage drives supported	6	Wi-Fi *	✗
RAID levels	0, 1, 10	Features	
Graphics		Motherboard chipset *	AMD B550
Parallel processing technology support *	Not supported	Audio chip	Realtek ALC887 / Realtek ALC897
Maximum resolution	3840 x 2160 pixels	Audio output channels *	7.1 channels
Internal I/O		Component for *	PC
USB 2.0 connectors *	2	Motherboard form factor *	micro ATX
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Motherboard chipset family *	AMD
Number of SATA III connectors *	4	Windows operating systems supported	Windows 10 x64
S/PDIF out connector	✓	Expansion slots	
Front panel audio connector	✓	PCI Express x1 (Gen 3.x) slots	2
ATX Power connector (24-pin)	✓	PCI Express x16 (Gen 3.x) slots	1
CPU fan connector	✓	PCI Express x16 (Gen 4.x) slots	1
Number of chassis fan connectors	2		
EPS power connector (8-pin)	✓		
Number of COM connectors	1		

Internal I/O		Expansion slots	
TPM connector	✓	Number of M.2 (M) slots	2
12V power connector	✓	BIOS	
RGB LED pin header	✓	BIOS type *	UEFI AMI
Rear panel I/O ports		BIOS memory size	256 Mbit
USB 2.0 ports quantity *	2	Clear CMOS jumper	✓
		Logistics data	
		Harmonized System (HS) code	84733020
		Weight & dimensions	
		Width	244 mm
		Depth	244 mm
		Packaging content	
		Cables included	SATA
		Drivers included	✓



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