

ASUS TUF GAMING B550-PRO AMD B550 Socket AM4 ATX

Brand : ASUS

Product code: 90MB17R0-M0EAY0

Product name : TUF GAMING B550-PRO

- AMD AM4 socket: Ready for AMD Ryzen™ 5000 Series/ 4000 G-Series/ 3000 Series desktop processors
 - Enhanced power solution: 12+2 DrMOS power stages, 8+4 pin ProCool sockets, military-grade TUF components, and Digi+ VRM for maximum durability
 - Comprehensive cooling: VRM heatsink, PCH fanless heatsink, dual M.2 heatsink, hybrid fan headers and Fan Xpert 4 utility
 - Next-gen connectivity: PCIe 4.0 M.2, Front USB Type-C®, USB 3.2 Gen 2 Type-A and Type-C® support
 - Made for online gaming: 2.5 Gb Ethernet, TUF LANGuard, and Turbo LAN technology
 - 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
 - Two-Way AI Noise Cancellation: Provides crystal-clear in-game voice communication
- ATX, AMD B550 chipset, Socket AM4, 4xDDR4 DIMM slots, 7.1ch audio, 2.5-Gigabit LAN



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Processor socket *	Socket AM4	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Compatible processor series *	AMD Athlon, AMD Ryzen 3000 Series	Ethernet LAN (RJ-45) ports *	1
Supported processor sockets	Socket AM4	HDMI ports quantity *	1
Memory		HDMI version	2.1
Supported memory types *	DDR4-SDRAM	DisplayPorts quantity	1
Number of memory slots *	4	DisplayPort version	1.2
Memory slots type	DIMM	Headphone outputs	5
Memory channels	Dual-channel	Microphone in	✓
ECC compatibility	ECC	S/PDIF out port	✓
Supported memory clock speeds	2133, 2400, 2666, 2800, 2933, 3000, 3200, 3333, 3466, 3600, 3733, 3866, 4000, 4133, 4266, 4333, 4400, 4600 MHz	USB connector type	USB Type-A, USB Type-C
Maximum internal memory *	128 GB	Network	
Unbuffered memory	✓	Ethernet LAN	✓
Storage controllers		Ethernet interface type	2.5 Gigabit Ethernet
Supported storage drive types	HDD & SSD	LAN controller	Realtek RTL8125B
Supported storage drive interfaces *	M.2, SATA III	Wake-on-LAN ready	✓
Number of storage drives supported	8	Wi-Fi *	✗
RAID levels	0, 1, 10	Features	
Graphics		Motherboard chipset *	AMD B550
Parallel processing technology support *	2-Way CrossFireX	Audio chip	Realtek ALC S1200A
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 *	ATX
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Motherboard chipset family *	AMD
Number of SATA III connectors *	6	Windows operating systems supported	Windows 10 x64
Front panel audio connector	✓		
ATX Power connector (24-pin)	✓		
CPU fan connector	✓		

Internal I/O		Expansion slots	
Number of chassis fan connectors	3	PCI Express x1 (Gen 3.x) slots	3
Peripheral (Molex) power connectors (4-pin)	1	PCI Express x16 (Gen 3.x) slots	2
EPS power connector (8-pin)	✓	PCI Express x16 (Gen 4.x) slots	1
Number of COM connectors	1	Number of M.2 (M) slots	3
TPM connector	✓	BIOS	
Thunderbolt headers	1	BIOS type *	UEFI AMI
12V power connector	✓	BIOS memory size	256 Mbit
RGB LED pin header	✓	Clear CMOS jumper	✓
Rear panel I/O ports		Logistics data	
USB 2.0 ports quantity *	4	Harmonized System (HS) code	84733020
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Weight & dimensions	
		Width	305 mm
		Depth	244 mm
		Height	68 mm
		Packaging content	
		Cables included	SATA
		Drivers included	✓
		Other features	
		Weight	1.01 kg



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