

ASUS TUF GAMING B550M-PLUS WIFI II AMD B550 Socket AM4 micro ATX

Brand : ASUS

Product code: 90MB19Y0-M0EAY0

Product name : TUF GAMING B550M-PLUS WIFI II

- AMD AM4 socket: Ready for Ryzen™ 5000 Series/ 5000 G-Series/ 4000 G-Series/ 3000 Series Desktop Processors
 - Enhanced power solution: 8+2 DrMOS power stages, ProCool connector, military-grade TUF components, and DIGI+ VRM for maximum durability
 - Comprehensive cooling: VRM heatsinks, PCH fanless heatsink, M.2 heatsink, hybrid fan headers and Fan Xpert 2+ utility
 - Ultrafast connectivity: PCIe 4.0 M.2, USB 3.2 Gen 2 Type-A and Type-C® support
 - Made for online gaming: Wi-Fi 6, Realtek 2.5Gb Ethernet, and TUF LANGuard
 - Two-Way AI Noise Cancellation: Reduces background noise from the microphone and audio output for crystal-clear communication in games or video conferences
- microATX, AMD B550 chipset, AMD AM4 Socket, 4xDDR4 DIMM slots, 7.1 ch audio, 2.5-Gigabit LAN, Wi-Fi 6, Bluetooth 5.2, AMI UEFI BIOS



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	Ethernet LAN (RJ-45) ports *	1
Processor socket *	Socket AM4	PS/2 ports quantity	1
Compatible processor series *	AMD Ryzen 3000 Series, AMD Ryzen 5000 Series	HDMI ports quantity *	1
Supported processor sockets	Socket AM4	HDMI version	2.1
Memory Supported memory types * DDR4-SDRAM Number of memory slots * 4 Memory slots type DIMM Memory channels Dual-channel ECC compatibility ECC Supported memory clock speeds 2133, 2400, 2666, 2800, 2933, 3000, 3200, 3333, 3400, 3466, 3600, 3733, 3866, 4000, 4133, 4200, 4266, 4333, 4400, 4466, 4600, 4800, 4866 MHz Maximum internal memory * 128 GB Unbuffered memory ✓		DisplayPorts quantity	1
		DisplayPort version	1.2
		Headphone outputs	5
		Microphone in	✓
		S/PDIF out port	✓
		WiFi-AP antenna jack	1
		USB connector type	USB Type-A, USB Type-C
		Network	
Storage controllers Supported storage drive types HDD & SSD Supported storage drive interfaces * M.2, PCI Express 3.0, PCI Express 4.0, SATA III Number of storage drives supported 6 RAID support ✓ RAID levels 0, 1, 10		Ethernet LAN	✓
		Ethernet interface type	2.5 Gigabit Ethernet
		Wake-on-LAN ready	✓
		Wi-Fi *	✓
		Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Graphics Parallel processing technology support * Not supported Maximum resolution 3840 x 2160 pixels		Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
		Bluetooth	✓
Internal I/O USB 2.0 connectors * 2 USB 3.2 Gen 1 (3.1 Gen 1) connectors * 1 Number of SATA III connectors * 4 Front panel audio connector ✓ ATX Power connector (24-pin) ✓ CPU fan connector ✓ Number of chassis fan connectors 2 EPS power connector (8-pin) ✓ Number of COM connectors 1		Bluetooth version	5.2
		Features	
		Motherboard chipset *	AMD B550
		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 11

Internal I/O		Expansion slots	
TPM connector	✓	PCI Express x1 (Gen 3.x) slots	1
12V power connector	✓	PCI Express x16 (Gen 3.x) slots	1
RGB LED pin header	✓	PCI Express x16 (Gen 4.x) slots	1
Rear panel I/O ports		Number of M.2 (M) slots	2
USB 2.0 ports quantity *	2	BIOS	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	BIOS type *	UEFI AMI
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1	BIOS memory size	256 Mbit
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Clear CMOS jumper	✓
		Logistics data	
		Harmonized System (HS) code	84733020
		Weight & dimensions	
		Width	244 mm
		Depth	244 mm
		Height	67 mm
		Packaging content	
		Cables included	SATA
		Drivers included	✓
		Other features	
		Weight	845 g



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