

# 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™ 3, AMD Ryzen™ 5,	HDMI ports quantity *	1
	AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 9, AMD Ryzen 9 5th Gen	HDMI version	2.1
Supported processor sockets	Socket AM4	DisplayPorts quantity	1
		DisplayPort version	1.2
<b>Memory</b> Supported memory types * DDR4-SDRAM Number of memory slots * 4 Memory slots type DIMM Memory channels Dual-channel 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 ✓		Headphone outputs	5
		Microphone in	✓
<b>Storage controllers</b> 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		S/PDIF out port	✓
		WiFi-AP antenna jack	1
<b>Graphics</b> Parallel processing technology support * Not supported Maximum resolution 3840 x 2160 pixels		USB connector type	USB Type-A, USB Type-C
		<b>Network</b> Ethernet LAN ✓ Ethernet interface type 2.5 Gigabit Ethernet Wake-on-LAN ready ✓ Wi-Fi * ✓ Top Wi-Fi standard Wi-Fi 6 (802.11ax) 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 ✓ Bluetooth version 5.2	
<b>Internal I/O</b> 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) ✓		<b>Features</b> 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	
		<b>Expansion slots</b> PCI Express x1 (Gen 3.x) slots 1	

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



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