

ASUS PRIME B550M-A WIFI II AMD B550 Socket AM4 micro ATX

Brand : ASUS

Product code: 90MB19X0-M0EAY0

Product name : PRIME B550M-A WIFI II

- AMD AM4 Socket: Ready for Ryzen™ 5000 Series/ 5000 G-Series/ 4000 G-Series/ 3000 Series Desktop Processors

- Comprehensive Cooling: VRM heatsink, PCH heatsink, hybrid fan headers, and Fan Xpert 2+ utility

- Ultrafast Connectivity: Dual M.2, PCIe 4.0, Wi-Fi 6, 1 Gb Ethernet, USB 3.2 Gen 2 Type-A support

- Aura Sync RGB Lighting: Onboard addressable Gen 2 header and RGB headers for RGB LED strips, easily synced with Aura Sync-capable hardware

AMD B550 (Ryzen AM4) micro ATX motherboard with dual M.2, PCIe 4.0, Wi-Fi 6, 1 Gb Ethernet, HDMI, DVI-D, D-Sub, SATA 6 Gbps, USB 3.2 Gen 2 Type-A, and Aura Sync RGB lighting support



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	VGA (D-Sub) ports quantity *	1
Processor socket *	Socket AM4	HDMI ports quantity *	1
Compatible processor series *	AMD Ryzen 3000 Series, AMD Ryzen 5000 Series	HDMI version	2.1
Supported processor sockets	Socket AM4	DVI-D ports quantity *	1
Memory Supported memory types * Number of memory slots * Memory slots type Memory channels ECC compatibility Supported memory clock speeds Maximum internal memory * Unbuffered memory	DDR4-SDRAM	Headphone outputs	1
	4	Microphone in	✓
	DIMM	Wi-Fi-AP antenna jack	1
	Dual-channel	USB connector type	USB Type-A
	ECC	Network	
	2133,2400,2666,2800,3000,3200,3333,3466,3600,3733,3866,4000,4133,4266,4400,4466,4600,4800,4866	Ethernet LAN	✓
	MHz	Ethernet interface type	Gigabit Ethernet
Storage controllers Supported storage drive types Supported storage drive interfaces * Number of storage drives supported RAID support RAID levels	HDD & SSD	LAN controller	Realtek RTL8111H
	M.2, PCI Express 3.0, PCI Express 4.0, SATA III	Wake-on-LAN ready	✓
	6	Wi-Fi *	✓
	✓	Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
	0, 1, 10	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Graphics		Bluetooth	✓
Parallel processing technology support *	Not supported	Bluetooth version	5.2
On-board graphics card	✗	Features	
Internal I/O		Motherboard chipset *	AMD B550
USB 2.0 connectors *	2	Audio output channels *	7.1 channels
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Product colour	Multicolour
Number of SATA III connectors *	4	Component for *	PC
S/PDIF out connector	✓	Motherboard form factor *	micro ATX
Front panel audio connector	✓	Motherboard chipset family *	AMD
ATX Power connector (24-pin)	✓	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Number of EATX power connectors	1	Expansion slots	
CPU fan connector	✓	PCI Express x1 (Gen 3.x) slots	2

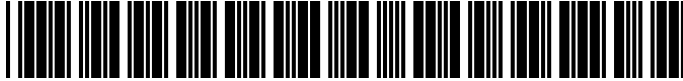
Internal I/O		Expansion slots	
Number of chassis fan connectors	2	PCI Express x16 (Gen 3.x) slots	1
EPS power connector (8-pin)	✓	PCI Express x16 (Gen 4.x) slots	1
Number of COM connectors	1	Number of M.2 (M) slots	2
TPM connector	✓	BIOS	
12V power connector	✓	BIOS type *	UEFI AMI
RGB LED pin header	✓	BIOS memory size	256 Mbit
Rear panel I/O ports		Clear CMOS jumper	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Logistics data	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Harmonized System (HS) code	84733020
Ethernet LAN (RJ-45) ports *	1	Weight & dimensions	
PS/2 ports quantity	1	Width	244 mm
		Depth	244 mm
		Height	67 mm
		Packaging content	
		Cables included	SATA
		Drivers included	✓
		Other features	
		Weight	845 g
		Packaging content	2 x SATA 6Gb/s cables 1 x ASUS Wi-Fi moving antennas 1 x I/O Shield 1 x M.2 SSD screw package 1 x Support DVD 1 x User manual



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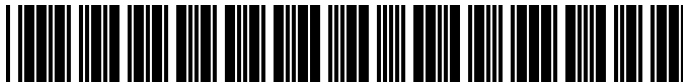
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