

ASUS PRIME B850M-A WIFI AMD B850 Socket AM5 micro ATX

Brand : ASUS

Product code: 90MB1LN0-M0EAY0

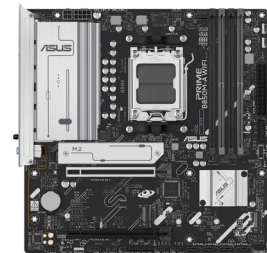
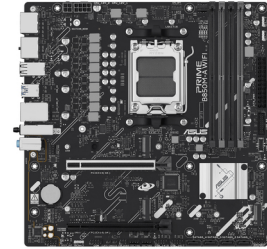
Product name : PRIME B850M-A WIFI

AMD B850, AM5, 4 x DIMM slots, max. 256GB, DDR5, Realtek 2.5Gb Ethernet, 2x2 Wi-Fi 6E (802.11ax), Bluetooth 5.3, 256 Mb Flash ROM, UEFI AMI BIOS, mATX

ASUS PRIME B850M-A WIFI AMD B850 Socket AM5 micro ATX:

Prime 850M-A WIFI

ASUS Prime series motherboards are expertly engineered to unleash the full potential of AMD Ryzen™ 9000 series processors. The PRIME B850M-A WIFI motherboard provides users and PC DIY builders with a range of performance optimizations via intuitive software and firmware features. It's designed to be Advanced AI PC-ready, offering the power and connectivity needed for demanding AI applications.



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 2.0 ports quantity *	4
Processor socket *	Socket AM5	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Memory		Ethernet LAN (RJ-45) ports *	1
Supported memory types *	DDR5-SDRAM	HDMI ports quantity *	1
Number of memory slots *	4	DisplayPorts quantity	2
Memory slots type	DIMM	Line-in	✓
Memory channels	Dual-channel	WiFi-AP antenna jack	2
ECC compatibility	ECC & Non-ECC	Network	
Supported memory clock speed (max)	8000 MHz	Ethernet LAN	✓
Maximum internal memory *	256 GB	Ethernet interface type	2.5 Gigabit Ethernet, Fast Ethernet, Gigabit Ethernet
Unbuffered memory	✓	Wi-Fi *	✓
Storage controllers		Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Supported storage drive types	HDD & SSD	Bluetooth	✓
Supported storage drive interfaces *	M.2, SATA III	Bluetooth version	5.3
Number of HDDs supported	4	Features	
Number of storage drives supported	7	Motherboard chipset *	AMD B850
RAID support	✓	Audio output channels *	7.1 channels
RAID levels	0, 1, 5, 10	Product colour	Multicolour
Graphics		Component for *	PC
Parallel processing technology support *	Not supported	Motherboard form factor *	micro ATX
Internal I/O		Motherboard chipset family *	AMD
USB 2.0 connectors *	2	Windows operating systems supported	Windows 10 x64, Windows 11

Internal I/O		Expansion slots	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	PCI Express x16 (Gen 4.x) slots	1
Number of SATA III connectors *	4	BIOS	
S/PDIF out connector	✓	BIOS type *	UEFI AMI
Front panel audio connector	✓	BIOS memory size	256 Mbit
ATX Power connector (24-pin)	✓	Packaging data	
CPU fan connector	✓	Package width	275 mm
Number of CPU fan connectors	1	Package depth	275 mm
Number of chassis fan connectors	3	Package height	67.5 mm
Chassis intrusion connector	✓	Package weight	1.52 kg
EPS power connector (8-pin)	✓	Weight & dimensions	
Number of COM connectors	1	Width	244 mm
TPM connector	✓	Depth	244 mm
12V power connector	✓	Height	50 mm
		Packaging content	
		Antenna included	✓
		Other features	
		Weight	930 g



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