

ASUS TUF GAMING B850M-PLUS WIFI7 AMD B850 Socket AM5 micro ATX

Brand : ASUS

Product code: 90MB1MU0-M0EAY0

Product name : TUF GAMING B850M-PLUS WIFI7

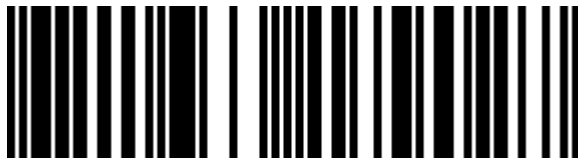
TUF GAMING B850M-PLUS WIFI7 motherboard socket AMD AM5 (micro-ATX, DDR5, PCIe 5.0, 3x M.2 slots, Realtek 2.5Gb Ethernet, Rear USB 20Gbps Type-C, Front USB 10Gbps Type-C)

ASUS TUF GAMING B850M-PLUS WIFI7. Processor manufacturer: AMD, Processor socket: Socket AM5, Compatible processor series: AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series. Supported memory types: DDR5-SDRAM, Maximum internal memory: 256 GB, Memory slots type: DIMM. Supported storage drive interfaces: PCI Express 4.0, PCI Express 5.0, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 5, 10. Ethernet interface type: 2.5 Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 7 (802.11be), Wi-Fi standards: Wi-Fi 7 (802.11be). Component for: PC, Motherboard form factor: micro ATX, Motherboard chipset family: AMD



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	Ethernet LAN (RJ-45) ports *	1
Processor socket *	Socket AM5	HDMI ports quantity *	1
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	HDMI version	2.1
		DisplayPorts quantity	1
Supported processor sockets	Socket AM5	DisplayPort version	1.4
		Headphone outputs	1
Memory		Line-in	✓
Supported memory types *	DDR5-SDRAM	Microphone in	✓
Number of memory slots *	4	WiFi-AP antenna jack	2
Memory slots type	DIMM	Network	
Memory channels	Dual-channel	Ethernet LAN	✓
ECC compatibility	ECC & Non-ECC	Ethernet interface type	2.5 Gigabit Ethernet
Maximum internal memory *	256 GB	Wi-Fi *	✓
Unbuffered memory	✓	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Maximum internal memory per slot	64 GB	Wi-Fi standards	Wi-Fi 7 (802.11be)
Storage controllers		WLAN controller model	MediaTek MT7925
Supported storage drive types	HDD & SSD	Bluetooth	✓
Supported storage drive interfaces *	PCI Express 4.0, PCI Express 5.0	Bluetooth version	5.4
Number of HDDs supported	4	Features	
Number of storage drives supported	7	Motherboard chipset *	AMD B850
RAID support	✓	Audio chip	Realtek ALC1220P
RAID levels	0, 1, 5, 10	Audio output channels *	7.1 channels
Graphics		Product colour	Black
Parallel processing technology support *	Not supported	Component for *	PC
		Motherboard form factor *	micro ATX

Graphics		Features	
On-board graphics card	✗	Motherboard chipset family *	AMD
Internal I/O		Cooling type	Passive
		Power source type	ATX
		Windows operating systems supported	Windows 11
		Expansion slots	
USB 2.0 connectors *	2	PCI Express x1 (Gen 4.x) slots	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	PCI Express x16 (Gen 4.x) slots	1
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	PCI Express x16 (Gen 5.x) slots	1
Number of SATA III connectors *	4	Number of M.2 (M) slots	3
Front panel audio connector	✓	1st M.2 largest key size	2280
Front panel connector	✓	1st M.2 highest PCI Express generation	5.0
ATX Power connector (24-pin)	✓	2nd M.2 largest key size	2280
CPU fan connector	✓	2nd M.2 highest PCI Express generation	4.0
Number of CPU fan connectors	2	3rd M.2 largest key size	2280
Number of chassis fan connectors	3	3rd M.2 highest PCI Express generation	4.0
Chassis intrusion connector	✓	BIOS	
EPS power connector (8-pin)	✓	BIOS type *	UEFI AMI
Number of EPS power connectors (8-pin)	2	BIOS memory size	256 Mbit
Number of COM connectors	1	Packaging data	
12V power connector	✓	Package width	275 mm
Number of water pump connectors	1	Package depth	275 mm
RGB LED pin header	✓	Package height	67.5 mm
Number of RGB LED pin headers	3	Package weight	1.68 kg
Rear panel I/O ports		Weight & dimensions	
		Width	244 mm
		Depth	244 mm
		Packaging content	
USB 2.0 ports quantity *	4	Cables included	SATA
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Antenna included	✓
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3	Screws included	✓
USB 3.2 Gen 2x2 Type-C ports quantity	1		



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Catalog Object Cloud



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