



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

Brand : ASUS

Product code: 90MB1IY0-M0EAY0

Product name : TUF GAMING B850M-PLUS WIFI

AMD B850 Chipset, 4 x DIMM slots, max. 192GB, DDR5 Supports up to 8000+MT/s (OC) with Ryzen 9000 & 8000 & 7000 Series Processors, ECC and Non-ECC Un-buffered DIMM

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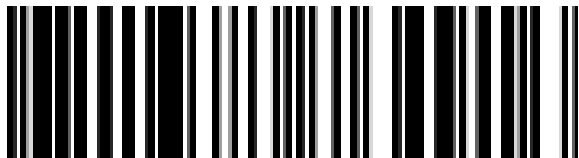
## TUF GAMING B850M-PLUS WIFI

ASUS TUF GAMING B850M-PLUS WIFI takes all the essential elements of the latest AMD Ryzen™ processors and combines them with game-ready features and proven durability. Engineered with military-grade components, an upgraded power solution and a comprehensive cooling system, this motherboard goes beyond expectations with rock-solid and stable performance for marathon gaming. TUF GAMING motherboards also undergo rigorous endurance testing to ensure that they can handle conditions where others may fail. This platform delivers the power and connectivity that advanced AI PC applications demand.



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	DisplayPorts quantity	1
Processor socket *	Socket AM5	WiFi-AP antenna jack	1
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	Network	
Supported processor sockets	Socket AM5	Ethernet LAN	✓
Memory		Ethernet interface type	2.5 Gigabit Ethernet
Supported memory types *	DDR5-SDRAM	Wi-Fi *	✓
Number of memory slots *	4	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Memory slots type	DIMM	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Memory channels	Dual-channel	Bluetooth	✓
ECC compatibility	ECC & Non-ECC	Bluetooth version	5.3
Maximum internal memory *	192 GB	Features	
Unbuffered memory	✓	Motherboard chipset *	AMD B850
Storage controllers		Audio chip	Realtek ALC1220P
Supported storage drive types	HDD & SSD	Audio output channels *	7.1 channels
Supported storage drive interfaces *	M.2, SATA III	Product colour	Black
Number of HDDs supported	4	Component for *	PC
Number of storage drives supported	7	Motherboard form factor *	micro ATX
RAID support	✓	Motherboard chipset family *	AMD
RAID levels	0, 1, 5, 10	Windows operating systems supported	Windows 10 x64, Windows 11
Graphics		Expansion slots	
Parallel processing technology support *	Not supported	PCI Express x1 (Gen 4.x) slots	1
On-board graphics card	✗	PCI Express x16 (Gen 4.x) slots	1
Internal I/O		PCI Express x16 (Gen 5.x) slots	1
USB 2.0 connectors *	2	Number of M.2 (M) slots	3
		1st M.2 largest key size	2280
		1st M.2 highest PCI Express generation	5.0

Internal I/O		Expansion slots	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	2nd M.2 largest key size	2280
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	2nd M.2 highest PCI Express generation	4.0
Number of SATA III connectors *	4	3rd M.2 largest key size	2280
S/PDIF out connector	✓	3rd M.2 highest PCI Express generation	4.0
Front panel audio connector	✓	BIOS	
Front panel connector	✓	BIOS type *	UEFI AMI
ATX Power connector (24-pin)	✓	BIOS memory size	256 Mbit
CPU fan connector	✓	Packaging data	
Number of chassis fan connectors	3	Package width	275 mm
Chassis intrusion connector	✓	Package depth	275 mm
Number of COM connectors	1	Package height	67.5 mm
12V power connector	✓	Package weight	1.68 kg
Rear panel I/O ports		Weight & dimensions	
USB 2.0 ports quantity *	4	Width	244 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Depth	244 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3	Packaging content	
USB 3.2 Gen 2x2 Type-C ports quantity	1	Cables included	SATA
Ethernet LAN (RJ-45) ports *	1	Antenna included	✓
HDMI ports quantity *	1	Screws included	✓
		Other features	
		Weight	1.2 kg



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