

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

Brand : ASUS

Product code: 90MB1IX0-M0EAY0

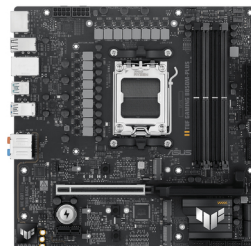
Product name : TUF GAMING B850M-PLUS

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

ASUS TUF GAMING B850M-PLUS 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	USB 3.2 Gen 2x2 Type-C ports quantity	1
Processor socket *	Socket AM5	Ethernet LAN (RJ-45) ports *	1
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	HDMI ports quantity *	1
Supported processor sockets	Socket AM5	DisplayPorts quantity	1
		WiFi-AP antenna jack	1
Memory		Network	
Supported memory types *	DDR5-SDRAM	Ethernet LAN	✓
Number of memory slots *	4	Ethernet interface type	2.5 Gigabit Ethernet
Memory slots type	DIMM	Wi-Fi *	✗
Memory channels	Dual-channel	Features	
ECC compatibility	ECC & Non-ECC	Motherboard chipset *	AMD B850
Maximum internal memory *	192 GB	Audio chip	Realtek ALC1220P
Unbuffered memory	✓	Audio output channels *	7.1 channels
Storage controllers		Component for *	PC
Supported storage drive types	HDD & SSD	Motherboard form factor *	micro ATX
Supported storage drive interfaces *	M.2, SATA III	Motherboard chipset family *	AMD
Number of HDDs supported	4	Windows operating systems supported	Windows 10 x64, Windows 11
Number of storage drives supported	7	Expansion slots	
RAID support	✓	PCI Express x1 (Gen 4.x) slots	1
RAID levels	0, 1, 5, 10	PCI Express x16 (Gen 4.x) slots	1
Graphics		PCI Express x16 (Gen 5.x) slots	1
Parallel processing technology support *	Not supported	Number of M.2 (M) slots	3
Internal I/O		1st M.2 largest key size	2280
USB 2.0 connectors *	2	1st M.2 highest PCI Express generation	5.0
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	2nd M.2 largest key size	2280

Internal I/O		Expansion slots	
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	1.65 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	
		Cables included	SATA
		Screws included	✓
		Other features	
		Weight	1.19 kg



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