

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



5 YIL GARANTİ UZATMA ÜRÜN KAYIT SAYFASI



*Ürününüzü kaydetmek için QR kodu okutunuz.

Processor

Processor manufacturer *	AMD
Processor socket *	Socket AM5
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series
Supported processor sockets	Socket AM5

Memory

Supported memory types *	DDR5-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	ECC & Non-ECC
Maximum internal memory *	256 GB
Unbuffered memory	✓
Maximum internal memory per slot	64 GB

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	PCI Express 4.0, PCI Express 5.0
Number of HDDs supported	4
Number of storage drives supported	7
RAID support	✓
RAID levels	0, 1, 5, 10

Graphics

Parallel processing technology support *	Not supported
On-board graphics card	✗

Internal I/O

Rear panel I/O ports

Ethernet LAN (RJ-45) ports *	1
HDMI ports quantity *	1
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
Headphone outputs	1
Line-in	✓
Microphone in	✓
WiFi-AP antenna jack	2

Network

Ethernet LAN	✓
Ethernet interface type	2.5 Gigabit Ethernet
Wi-Fi *	✓
Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Wi-Fi standards	Wi-Fi 7 (802.11be)
WLAN controller model	MediaTek MT7925
Bluetooth	✓
Bluetooth version	5.4

Features

Motherboard chipset *	AMD B850
Audio chip	Realtek ALC1220P
Audio output channels *	7.1 channels
Product colour	Black
Component for *	PC
Motherboard form factor *	micro ATX
Motherboard chipset family *	AMD
Cooling type	Passive

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



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