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

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*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	
USB 2.0 connectors *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1
Number of SATA III connectors *	4
Front panel audio connector	✔
Front panel connector	✔
ATX Power connector (24-pin)	✔
CPU fan connector	✔
Number of CPU fan connectors	2
Number of chassis fan connectors	3
Chassis intrusion connector	✔
EPS power connector (8-pin)	✔
Number of EPS power connectors (8-pin)	2
Number of COM connectors	1
12V power connector	✔
Number of water pump connectors	1
RGB LED pin header	✔
Number of RGB LED pin headers	3

Rear panel I/O ports	
USB 2.0 ports quantity *	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3
USB 3.2 Gen 2x2 Type-C ports quantity	1

Features	
Power source type	ATX
Windows operating systems supported	Windows 11

Expansion slots	
PCI Express x1 (Gen 4.x) slots	1
PCI Express x16 (Gen 4.x) slots	1
PCI Express x16 (Gen 5.x) slots	1
Number of M.2 (M) slots	3
1st M.2 largest key size	2280
1st M.2 highest PCI Express generation	5.0
2nd M.2 largest key size	2280
2nd M.2 highest PCI Express generation	4.0
3rd M.2 largest key size	2280
3rd M.2 highest PCI Express generation	4.0

BIOS	
BIOS type *	UEFI AMI
BIOS memory size	256 Mbit

Packaging data	
Package width	275 mm
Package depth	275 mm
Package height	67.5 mm
Package weight	1.68 kg

Weight & dimensions	
Width	244 mm
Depth	244 mm

Packaging content	
Cables included	SATA
Antenna included	✔
Screws included	✔

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