

ASUS TUF GAMING B650M-E WIFI AMD B650 Socket AM5 micro ATX

Brand : ASUS

Product code: 90MB1FV0-M0EAY0

Product name : TUF GAMING B650M-E WIFI

AMD B650, Socket AM5, 4 x DIMM slots, Max. 128GB, DDR5, Realtek 2.5Gb Ethernet, 802.11 a/b/g/n/ac/ax, Bluetooth 5.2, micro-ATX, 256 Mb Flash ROM, UEFI AMI BIOS
ASUS TUF GAMING B650M-E WIFI. Processor manufacturer: AMD, Processor socket: Socket AM5, Compatible processor series: AMD Ryzen 7000 Series. Supported memory types: DDR5-SDRAM, Maximum internal memory: 128 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 10. Ethernet interface type: 2.5 Gigabit Ethernet, Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 6 (802.11ax), Wi-Fi standards: 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax). Component for: PC, Motherboard form factor: micro ATX, Motherboard chipset family: AMD



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Processor socket *	Socket AM5	Ethernet LAN (RJ-45) ports *	1
Compatible processor series *	AMD Ryzen 7000 Series	PS/2 ports quantity	1
Memory		HDMI ports quantity *	1
Supported memory types *	DDR5-SDRAM	DisplayPorts quantity	2
Number of memory slots *	4	Microphone in	✓
Memory slots type	DIMM	Network	
Memory channels	Dual-channel	Ethernet LAN	✓
ECC compatibility	ECC & Non-ECC	Ethernet interface type	2.5 Gigabit Ethernet, Gigabit Ethernet
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400 MHz	Wi-Fi *	✓
Maximum internal memory *	128 GB	Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Unbuffered memory	✓	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Storage controllers		Bluetooth	✓
Supported storage drive types	HDD & SSD	Bluetooth version	5.2
Supported storage drive interfaces *	M.2, SATA III	Features	
Number of HDDs supported	4	Motherboard chipset *	AMD B650
Number of storage drives supported	6	Audio output channels *	7.1 channels
RAID support	✓	Component for *	PC
RAID levels	0, 1, 10	Motherboard form factor *	micro ATX
Internal I/O		Motherboard chipset family *	AMD
USB 2.0 connectors *	2	Windows operating systems supported	Windows 10 x64, Windows 11
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Expansion slots	
Number of SATA III connectors *	4	PCI Express x1 (Gen 4.x) slots	2
Front panel audio connector	✓	Number of M.2 (M) slots	2
ATX Power connector (24-pin)	✓	BIOS	
CPU fan connector	✓	BIOS type *	UEFI AMI
Number of chassis fan connectors	2	BIOS memory size	256 Mbit
EPS power connector (8-pin)	✓		
12V power connector	✓		
RGB LED pin header	✓		
Rear panel I/O ports			
USB 2.0 ports quantity *	4		

Rear panel I/O ports		Packaging data	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Package width	275 mm
		Package depth	275 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1	Package height	67.4 mm
		Package weight	1.7 kg
		Weight & dimensions	
		Width	244 mm
		Depth	244 mm
		Height	50 mm
		Packaging content	
		Cables included	SATA
		Other features	
		Weight	1.01 kg



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Catalog Object Cloud



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