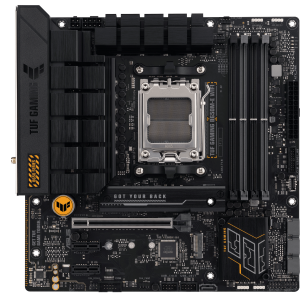**ASUS**

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 5 7th gen, AMD Ryzen 7 7th Gen, AMD Ryzen 9 7th Gen. 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-A ports quantity *	1
Processor socket *	Socket AM5	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Compatible processor series *	AMD Ryzen 5 7th gen, AMD Ryzen 7 7th Gen, AMD Ryzen 9 7th Gen	Ethernet LAN (RJ-45) ports *	1
Memory		PS/2 ports quantity	1
Supported memory types *	DDR5-SDRAM	HDMI ports quantity *	1
Number of memory slots *	4	DisplayPorts quantity	2
Memory slots type	DIMM	Microphone in	✓
Memory channels	Dual-channel	**Network**	
ECC	✓	Ethernet LAN	✓
Non-ECC	✓		
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400 MHz	Ethernet interface type	2.5 Gigabit Ethernet, Gigabit Ethernet
Maximum internal memory *	128 GB	Wi-Fi *	✓
Unbuffered memory	✓	Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Storage controllers		Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Supported storage drive types	HDD & SSD		
Supported storage drive interfaces *	M.2, SATA III	Bluetooth	✓
Number of HDDs supported	4	Bluetooth version	5.2
Number of storage drives supported	6	**Features**	
RAID support	✓	Motherboard chipset *	AMD B650
RAID levels	0, 1, 10	Audio output channels *	7.1 channels
Internal I/O		Component for *	PC
USB 2.0 connectors *	2	Motherboard form factor *	micro ATX
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Motherboard chipset family *	AMD
Number of SATA III connectors *	4	Windows operating systems supported	Windows 10 x64, Windows 11
Front panel audio connector	✓	**Expansion slots**	
ATX Power connector (24-pin)	✓	PCI Express x1 (Gen 4.x) slots	2
CPU fan connector	✓	Number of M.2 (M) slots	2
Number of chassis fan connectors	2		
EPS power connector (8-pin)	✓		
12V power connector	✓		
RGB LED pin header	✓		

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

BIOS	
BIOS type *	UEFI AMI
BIOS memory size	256 Mbit

Packaging data	
Package width	275 mm
Package depth	275 mm
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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