

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

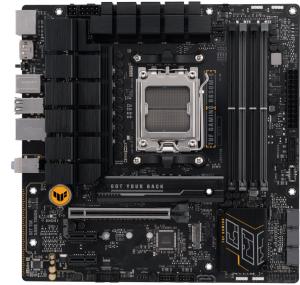
Brand : ASUS

Product code: 90MB1FU0-M0EAY0

Product name : TUF GAMING B650M-E

Socket AM5, AMD B650 Chipset, 4 x DDR5-SDRAM up to 128GB, LAN, 1 x RJ-45, 4 x SATA III, 2 x M.2(M), UEFI AMI, Micro ATX

ASUS TUF GAMING B650M-E. 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. Component for: PC, Motherboard form factor: micro ATX, Motherboard chipset family: AMD



Processor		Internal I/O	
Processor manufacturer *	AMD	RGB LED pin header	✓
Processor socket *	Socket AM5	Rear panel I/O ports	
Compatible processor series *	AMD Ryzen 5 7th gen, AMD Ryzen 7 7th Gen, AMD Ryzen 9 7th Gen	USB 2.0 ports quantity *	4
Supported processor sockets	Socket AM5	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Memory		USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Supported memory types *	DDR5-SDRAM	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Number of memory slots *	4	Ethernet LAN (RJ-45) ports *	1
Memory slots type	DIMM	PS/2 ports quantity	1
Memory channels	Dual-channel	HDMI ports quantity *	1
ECC	✓	DisplayPorts quantity	2
Non-ECC	✓	Headphone outputs	1
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400 MHz	Line-in	✓
Supported memory clock speed (max)	6400 MHz	Microphone in	✓
Maximum internal memory *	128 GB	Network	
Unbuffered memory	✓	Ethernet LAN	✓
Storage controllers		Ethernet interface type	2.5 Gigabit Ethernet
Supported storage drive types	HDD & SSD	Wi-Fi *	✗
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
Graphics		Motherboard chipset family *	AMD
Parallel processing technology support *	Not supported	Windows operating systems supported	Windows 10 x64, Windows 11
Internal I/O		Expansion slots	
USB 2.0 connectors *	2	PCI Express x1 (Gen 4.x) slots	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	PCI Express x16 (Gen 4.x) slots	1
Number of SATA III connectors *	8	Number of M.2 (M) slots	2
Front panel audio connector	✓		

Internal I/O		BIOS	
ATX Power connector (24-pin)	✓	BIOS type *	UEFI AMI
CPU fan connector	✓	BIOS memory size	256 Mbit
Number of chassis fan connectors	2	<b>Packaging data</b>	
Peripheral (Molex) power connectors (4-pin)	1	Package width	275 mm
EPS power connector (8-pin)	✓	Package depth	275 mm
Number of COM connectors	1	Package height	67.4 mm
12V power connector	✓	Package weight	1.61 kg
		<b>Weight &amp; dimensions</b>	
		Width	244 mm
		Depth	244 mm
		<b>Packaging content</b>	
		Cables included	SATA



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