

ASUS B650E MAX GAMING WIFI W AMD B650 Socket AM5 ATX

Brand : ASUS

Product code: 90MB1M00-M0EAY0

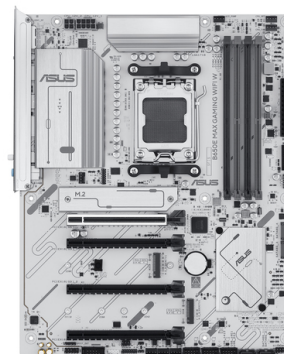
Product name : B650E MAX GAMING WIFI W

AMD B650 ATX motherboard, DDR5, PCIe 5.0 Ready, three M.2 slots, Wi-Fi 6E, Realtek 2.5Gb Ethernet, DisplayPort, HDMI, rear USB 10Gbps Type-A & Type-C support, BIOS FlashBack, Aura Sync

[ASUS B650E MAX GAMING WIFI W AMD B650 Socket AM5 ATX:](#)

B650E MAX GAMING WIFI W

ASUS B650E series motherboards are expertly engineered to unleash the full potential of AMD Ryzen 9000 & 8000 & 7000 Series processors. Boasting a robust power design, comprehensive cooling solutions and intelligent tuning options, B650E MAX GAMING WIFI W provides users and PC DIY builders with a range of performance optimizations via intuitive software and firmware features. This platform delivers the power and connectivity that advanced AI PC applications demand.



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, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	HDMI ports quantity *	1
Supported processor sockets	Socket AM5	DisplayPorts quantity	1
Memory		Line-in	✓
Supported memory types *	DDR5-SDRAM	Microphone in	✓
Number of memory slots *	4	WiFi-AP antenna jack	1
Memory slots type	DIMM	Network	
Memory channels	Dual-channel	Ethernet LAN	✓
ECC compatibility	ECC & Non-ECC	Ethernet interface type	2.5 Gigabit Ethernet
Maximum internal memory *	256 GB	Wi-Fi *	✓
Unbuffered memory	✓	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Storage controllers		Wi-Fi standards	Wi-Fi 6E (802.11ax)
Supported storage drive types	HDD & SSD	Bluetooth	✓
Supported storage drive interfaces *	M.2, SATA III	Bluetooth version	5.3
Number of HDDs supported	4	Features	
Number of storage drives supported	7	Motherboard chipset *	AMD B650
RAID support	✓	Audio output channels *	7.1 channels
RAID levels	0, 1, 5, 10	Product colour	White
Graphics		Component for *	PC
Parallel processing technology support *	Not supported	Motherboard form factor *	ATX
On-board graphics card	✗	Motherboard chipset family *	AMD
Internal I/O		Cooling type	Passive
USB 2.0 connectors *	3	Windows operating systems supported	Windows 10 x64, Windows 11

Internal I/O		Expansion slots	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	PCI Express x16 (Gen 3.x) slots	2
Number of SATA III connectors *	4	PCI Express x16 (Gen 4.x) slots	1
S/PDIF out connector	✓	PCI Express x16 (Gen 5.x) slots	1
Front panel audio connector	✓	Number of M.2 (M) slots	3
Front panel connector	✓	1st M.2 largest key size	2280
ATX Power connector (24-pin)	✓	1st M.2 highest PCI Express generation	5.0
CPU fan connector	✓	2nd M.2 largest key size	2280
Number of CPU fan connectors	1	2nd M.2 highest PCI Express generation	4.0
Number of chassis fan connectors	4	3rd M.2 largest key size	22110
Chassis intrusion connector	✓	3rd M.2 highest PCI Express generation	4.0
Peripheral (Molex) power connectors (4-pin)	1	BIOS	
EPS power connector (8-pin)	✓	BIOS type *	UEFI AMI
Number of COM connectors	1	BIOS memory size	256 Mbit
TPM connector	✓	Packaging data	
Thunderbolt headers	1	Package width	353 mm
12V power connector	✓	Package depth	273 mm
RGB LED pin header	✓	Package height	68 mm
Number of RGB LED pin headers	3	Package weight	1.26 kg
Rear panel I/O ports		Weight & dimensions	
USB 2.0 ports quantity *	2	Width	305 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Depth	244 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3	Packaging content	
		Cables included	SATA
		Antenna included	✓
		Screws included	✓



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Catalog Object Cloud



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