

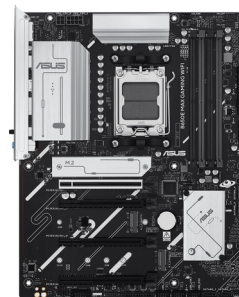
ASUS B650E MAX GAMING WIFI AMD B650 Socket AM5 ATX

Brand : ASUS

Product code: 90MB1LD0-M0EAY0

Product name : B650E MAX GAMING WIFI

- AMD AM5 Socket: Ready for AMD Socket AM5 for AMD Ryzen™ 9000 & 8000 & 7000 Series Desktop Processors
 - Ultrafast Connectivity: Wi-Fi 6E, PCIe 5.0 x16 slot, PCIe 5.0 M.2 slots, Realtek 2.5Gb Ethernet, rear USB 10Gbps Type-A & Type-C® ports, and front USB 5Gbps Type-C® support
 - Comprehensive Cooling: VRM and M.2 heatsinks, PCH heatsink, hybrid fan headers and Fan Xpert 2+
 - DIY Friendly Design: Pre-mounted I/O shield, BIOS FlashBack™, Q-Antenna, Q-LED Core
 - Unmatched Personalization: Three Addressable RGB Gen 2 headers, all configurable with ASUS-exclusive Aura Sync RGB lighting
 - CEC Tier II ready
- B650E MAX GAMING WIFI motherboard socket AMD AM5 (ATX, DDR5, PCIe 5.0, 3x M.2, Wi-Fi 6E, Realtek 2.5Gb Ethernet, DisplayPort, HDMI, BIOS FlashBack, Aura Sync)



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	Ethernet LAN (RJ-45) ports *	1
Processor socket *	Socket AM5	HDMI ports quantity *	1
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	HDMI version	2.1
		DisplayPorts quantity	1
Supported processor sockets	Socket AM5	DisplayPort version	1.4
		Headphone outputs	1
Memory		Line-in	✓
Supported memory types *	DDR5-SDRAM	Microphone in	✓
Number of memory slots *	4	WiFi-AP antenna jack	2
Memory slots type	DIMM	Network	
Memory channels	Dual-channel	Ethernet LAN	✓
ECC compatibility	Non-ECC	Ethernet interface type	2.5 Gigabit Ethernet
Supported memory clock speed (max)	8000 MHz	Wi-Fi *	✓
Maximum internal memory *	256 GB	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Unbuffered memory	✓	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Storage controllers		Bluetooth	✓
Supported storage drive types	HDD & SSD	Bluetooth version	5.3
Supported storage drive interfaces *	M.2, PCI Express 5.0, SATA III	Features	
Number of HDDs supported	4	Motherboard chipset *	AMD B650
Number of storage drives supported	7	Audio output channels *	7.1 channels
RAID support	✓	Product colour	Black
RAID levels	0, 1, 5, 10	Component for *	PC
Graphics		Motherboard form factor *	ATX
Parallel processing technology support *	Not supported	Motherboard chipset family *	AMD
Internal I/O		Cooling type	Passive
USB 2.0 connectors *	3	Power source type	ATX
		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	2	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 EPS power connectors (8-pin)	1	BIOS memory size	256 Mbit
Number of COM connectors	1	Packaging data	
TPM connector	✓	Package width	353 mm
Thunderbolt headers	1	Package depth	273 mm
Number of water pump connectors	1	Package height	68 mm
RGB LED pin header	✓	Package weight	1.26 kg
Number of RGB LED pin headers	3	Weight & dimensions	
Rear panel I/O ports		Width	305 mm
USB 2.0 ports quantity *	2	Depth	244 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Height	48 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3	Packaging content	
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Cables included	SATA
		Antenna included	✓
		Screws included	✓
		Other features	
		Weight	1.05 kg



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