

ASUS B850 MAX GAMING WIFI AMD B850 Socket AM5 ATX

Brand : ASUS

Product code: 90MB1PR0-M0EAY0

Product name : B850 MAX GAMING WIFI

B850 MAX GAMING WIFI AMD B850 ATX motherboard (DDR5, PCIe 5.0 capable, 3x M.2 slots, Wi-Fi 6E, Realtek 2.5Gb Ethernet, DisplayPort, HDMI, USB 10Gbit/s Type-A & Type-C, BIOS FlashBack, Aura Sync)

ASUS B850 MAX GAMING WIFI AMD B850 Socket AM5 ATX:

B850 MAX GAMING WIFI motherboards are expertly engineered to unleash the full potential of AMD Ryzen™ 9000 series processors. The B850 MAX GAMING WIFI motherboard provides users and PC DIY builders with a range of performance optimizations via intuitive software and firmware features. It's designed to be Advanced AI PC-ready, offering the power and connectivity needed for demanding AI applications.



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	HDMI version	2.1
Memory		DisplayPorts quantity	1
Supported memory types *	DDR5-SDRAM	DisplayPort version	1.4
Number of memory slots *	4	Headphone outputs	1
Memory slots type	DIMM	Line-in	✓
Memory channels	Dual-channel	Microphone in	✓
ECC compatibility	ECC & Non-ECC	Wi-Fi-AP antenna jack	2
Supported memory clock speed (max)	9000 MHz	Network	
Maximum internal memory *	256 GB	Ethernet LAN	✓
Unbuffered memory	✓	Ethernet interface type	2.5 Gigabit Ethernet
Maximum internal memory per slot	64 GB	Wi-Fi *	✓
Storage controllers		Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Supported storage drive types	HDD & SSD	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Supported storage drive interfaces *	M.2, SATA III	Bluetooth	✓
Number of HDDs supported	4	Bluetooth version	5.4
Number of storage drives supported	7	Features	
RAID support	✓	Motherboard chipset *	AMD B850
RAID levels	0, 1, 5, 10	Audio output channels *	7.1 channels
Graphics		Product colour	Black
Parallel processing technology support *	Not supported	Component for *	PC
Maximum resolution	7680 x 4320 pixels	Motherboard form factor *	ATX
		Motherboard chipset family *	AMD
		Cooling type	Passive
		Power source type	ATX

Internal I/O		Features	
USB 2.0 connectors *	3	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 x16 (Gen 3.x) slots	2
S/PDIF out connector	✓	PCI Express x16 (Gen 4.x) slots	1
Front panel audio connector	✓	PCI Express x16 (Gen 5.x) slots	1
Front panel connector	✓	Number of M.2 (M) slots	3
ATX Power connector (24-pin)	✓	1st M.2 largest key size	2280
CPU fan connector	✓	1st M.2 highest PCI Express generation	5.0
Number of CPU fan connectors	1	2nd M.2 largest key size	2280
Number of chassis fan connectors	4	2nd M.2 highest PCI Express generation	4.0
Chassis intrusion connector	✓	3rd M.2 largest key size	22110
Peripheral (Molex) power connectors (4-pin)	1	3rd M.2 highest PCI Express generation	4.0
EPS power connector (8-pin)	✓	BIOS	
Number of EPS power connectors (8-pin)	1	BIOS type *	UEFI AMI
Number of COM connectors	1	BIOS memory size	256 Mbit
TPM connector	✓	BIOS flashback button	✓
Thunderbolt headers	1	Packaging data	
12V power connector	✓	Package width	353 mm
Number of water pump connectors	1	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	Height	48 mm
		Packaging content	
		Cables included	SATA
		Antenna included	✓
		Screws included	✓
		Other features	
		Weight	1.05 kg



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Catalog Object Cloud



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