

ASUS PRIME B860M-A-CSM Intel B860 LGA 1851 (Socket V1) micro ATX

Brand : ASUS

Product code: 90MB1K00-M0EAYC

Product name : PRIME B860M-A-CSM

Intel B860, 4 x DIMM slots, max. 256GB, DDR5, M.2/SATA III, 256Mb Flash ROM, UEFI AMI BIOS, micro-ATX

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PRIME B860M-A-CSM

ASUS PRIME series motherboards are expertly engineered to unleash the full potential of the latest Intel® Core™ Ultra Processors (Series 2). Boasting a robust power design, comprehensive cooling solutions and intelligent tuning options, the PRIME B860M-A-CSM 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		Internal I/O	
Processor manufacturer *	Intel	EPS power connector (8-pin)	✓
Processor socket *	LGA 1851 (Socket V1)	Number of COM connectors	1
Compatible processor series *	Intel Core Ultra (Series 2)	TPM connector	✓
Memory		Thunderbolt headers	1
Supported memory types *	DDR5-SDRAM	12V power connector	✓
Number of memory slots *	4	Rear panel I/O ports	
Memory slots type	DIMM	USB 2.0 ports quantity *	4
Memory channels	Dual-channel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
ECC compatibility	Non-ECC	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Supported memory clock speed (max)	8666 MHz	USB 3.2 Gen 2x2 Type-C ports quantity	1
Maximum internal memory *	256 GB	Ethernet LAN (RJ-45) ports *	1
Unbuffered memory	✓	HDMI ports quantity *	1
Storage controllers		DisplayPorts quantity	2
Supported storage drive types	HDD & SSD	Line-in	✓
Supported storage drive interfaces *	M.2, SATA III	Microphone in	✓
Number of HDDs supported	4	Network	
Number of storage drives supported	6	Ethernet LAN	✓
RAID support	✓	Ethernet interface type	2.5 Gigabit Ethernet
RAID levels	0, 1, 5, 10	Wi-Fi *	✗
Graphics		Features	
Parallel processing technology support *	Not supported	Motherboard chipset *	Intel B860
Internal I/O		Audio output channels *	7.1 channels
USB 2.0 connectors *	1	Product colour	Multicolour
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Component for *	PC

Internal I/O		Features	
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Motherboard form factor *	micro ATX
Number of SATA III connectors *	4	Motherboard chipset family *	Intel
S/PDIF out connector	✓	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	1
CPU fan connector	✓	PCI Express x16 (Gen 4.x) slots	1
Number of CPU fan connectors	1	BIOS	
Number of chassis fan connectors	3	BIOS type *	UEFI AMI
Chassis intrusion connector	✓	BIOS memory size	256 Mbit
		Weight & dimensions	
		Width	244 mm
		Depth	244 mm



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