

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	12V power connector	✓
Processor socket *	LGA 1851 (Socket V1)	Rear panel I/O ports	
Compatible processor series *	Intel Core Ultra (Series 2)	USB 2.0 ports quantity *	4
Memory		USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Supported memory types *	DDR5-SDRAM	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Number of memory slots *	4	USB 3.2 Gen 2x2 Type-C ports quantity	1
Memory slots type	DIMM	Ethernet LAN (RJ-45) ports *	1
Memory channels	Dual-channel	HDMI ports quantity *	1
ECC compatibility	Non-ECC	DisplayPorts quantity	2
Supported memory clock speed (max)	8666 MHz	Line-in	✓
Maximum internal memory *	256 GB	Microphone in	✓
Unbuffered memory	✓	Network	
Storage controllers		Ethernet LAN	✓
Supported storage drive types	HDD & SSD	Ethernet interface type	2.5 Gigabit Ethernet
Supported storage drive interfaces *	M.2, SATA III	Wi-Fi *	✗
Number of HDDs supported	4	Features	
Number of storage drives supported	6	Motherboard chipset *	Intel B860
RAID support	✓	Audio output channels *	7.1 channels
RAID levels	0, 1, 5, 10	Product colour	Multicolour
Graphics		Component for *	PC
Parallel processing technology support *	Not supported	Motherboard form factor *	micro ATX
Internal I/O		Motherboard chipset family *	Intel
USB 2.0 connectors *	1	Windows operating systems supported	Windows 10 x64, Windows 11
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Expansion slots	
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	PCI Express x1 (Gen 4.x) slots	1
Number of SATA III connectors *	4	PCI Express x16 (Gen 4.x) slots	1
S/PDIF out connector	✓		

Internal I/O		BIOS	
Front panel audio connector	✓	BIOS type *	UEFI AMI
ATX Power connector (24-pin)	✓	BIOS memory size	256 Mbit
CPU fan connector	✓	Packaging data	
Number of CPU fan connectors	1	Package width	275 mm
Number of chassis fan connectors	3	Package depth	275 mm
Chassis intrusion connector	✓	Package height	67.5 mm
EPS power connector (8-pin)	✓	Package weight	1.36 kg
Number of COM connectors	1	Weight & dimensions	
TPM connector	✓	Width	244 mm
Thunderbolt headers	1	Depth	244 mm
		Height	50 mm
		Other features	
		Weight	815 g



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