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

Processor manufacturer *	Intel
Processor socket *	LGA 1851 (Socket V1)
Compatible processor series *	Intel Core Ultra (Series 2)

Memory

Supported memory types *	DDR5-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	Non-ECC
Supported memory clock speed (max)	8666 MHz
Maximum internal memory *	256 GB
Unbuffered memory	✔

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, SATA III
Number of HDDs supported	4
Number of storage drives supported	6
RAID support	✔
RAID levels	0, 1, 5, 10

Graphics

Parallel processing technology support *	Not supported

Internal I/O

USB 2.0 connectors *	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1

Internal I/O

EPS power connector (8-pin)	✔
Number of COM connectors	1
TPM connector	✔
Thunderbolt headers	1
12V power connector	✔

Rear panel I/O ports

USB 2.0 ports quantity *	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
USB 3.2 Gen 2x2 Type-C ports quantity	1
Ethernet LAN (RJ-45) ports *	1
HDMI ports quantity *	1
DisplayPorts quantity	2
Line-in	✔
Microphone in	✔

Network

Ethernet LAN	✔
Ethernet interface type	2.5 Gigabit Ethernet
Wi-Fi *	✘

Features

Motherboard chipset *	Intel B860
Audio output channels *	7.1 channels
Product colour	Multicolour
Component for *	PC

Internal I/O

USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1
Number of SATA III connectors *	4
S/PDIF out connector	✔
Front panel audio connector	✔
ATX Power connector (24-pin)	✔
CPU fan connector	✔
Number of CPU fan connectors	1
Number of chassis fan connectors	3
Chassis intrusion connector	✔

Features

Motherboard form factor *	micro ATX
Motherboard chipset family *	Intel
Windows operating systems supported	Windows 10 x64, Windows 11

Expansion slots

PCI Express x1 (Gen 4.x) slots	1
PCI Express x16 (Gen 4.x) slots	1

BIOS

BIOS type *	UEFI AMI
BIOS memory size	256 Mbit

Weight & dimensions

Width	244 mm
Depth	244 mm

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