

ASUS PRIME H810M-E-CSM Intel H810 LGA 1851 (Socket V1) micro ATX

Brand : ASUS

Product code: 90MB1N20-M0EAYC

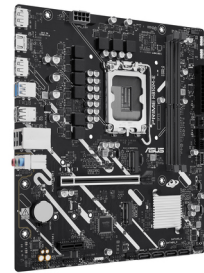
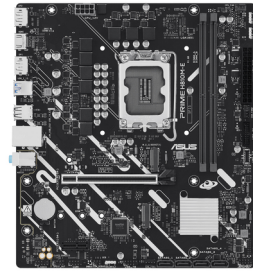
Product name : PRIME H810M-E-CSM

Intel H810 LGA1851 micro-ATX (Advanced AI PC-ready, DDR5, PCIe 4.0, 2 x DP, HDMI, USB 5Gbps, USB 5Gbps Type-C, 2 x M.2, Realtek 1Gb Ethernet, Aura Sync)

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PRIME H810M-E-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 H810M-E-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	Number of RGB LED pin headers	3
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
Supported processor sockets	LGA 1851	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Memory		Ethernet LAN (RJ-45) ports *	1
Supported memory types *	DDR5-SDRAM	HDMI ports quantity *	1
Number of memory slots *	2	DisplayPorts quantity	2
Memory slots type	DIMM	Network	
Memory channels	Dual-channel	Ethernet LAN	✓
ECC compatibility	Non-ECC	Ethernet interface type	Gigabit Ethernet
Maximum internal memory *	128 GB	Wi-Fi *	✗
Unbuffered memory	✓	Features	
Storage controllers		Motherboard chipset *	Intel H810
Supported storage drive types	HDD & SSD	Audio output channels *	7.1 channels
Supported storage drive interfaces *	M.2, SATA III	Component for *	PC
Number of HDDs supported	4	Motherboard form factor *	micro ATX
Number of storage drives supported	6	Motherboard chipset family *	Intel
Graphics		Windows operating systems supported	Windows 10 x64, Windows 11
Parallel processing technology support *	Not supported	Expansion slots	
Internal I/O		PCI Express x1 (Gen 4.x) slots	1
USB 2.0 connectors *	1	PCI Express x16 (Gen 4.x) slots	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Number of M.2 (M) slots	2
Number of SATA III connectors *	4	1st M.2 largest key size	2280
S/PDIF out connector	✓	1st M.2 highest PCI Express generation	4.0
Front panel audio connector	✓	2nd M.2 largest key size	2280

Internal I/O		Expansion slots	
Front panel connector	✓	2nd M.2 highest PCI Express generation	4.0
ATX Power connector (24-pin)	✓	BIOS	
CPU fan connector	✓	BIOS type *	UEFI AMI
Number of CPU fan connectors	1	BIOS memory size	256 Mbit
Number of chassis fan connectors	2	Packaging data	
Chassis intrusion connector	✓	Package width	270 mm
EPS power connector (8-pin)	✓	Package depth	263 mm
Number of COM connectors	1	Package height	51.5 mm
TPM connector	✓	Package weight	747 g
12V power connector	✓	Weight & dimensions	
RGB LED pin header	✓	Width	244 mm
		Depth	222 mm
		Packaging content	
		Cables included	SATA



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Catalog Object Cloud



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