

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

Brand : ASUS

Product code: 90MB1JT0-M0EAY0

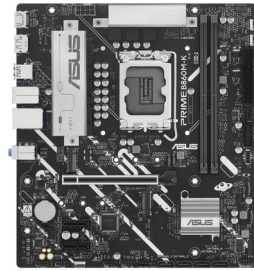
Product name : PRIME B860M-K

Intel B860 Chipset, 2 x DIMM slots, max. 128GB, DDR5 Supports up to 8800+MT/s (OC), Non-ECC, Unbuffered ,Clocked Unbuffered DIMM

ASUS PRIME B860M-K Intel B860 LGA 1851 (Socket V1) micro ATX:

B860M-K

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-K 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 *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor socket *	LGA 1851 (Socket V1)	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Compatible processor series *	Intel Core Ultra (Series 2)	Ethernet LAN (RJ-45) ports *	1
Supported processor sockets	LGA 1851	PS/2 ports quantity	1
Memory		HDMI ports quantity *	1
Supported memory types *	DDR5-SDRAM	DisplayPorts quantity	1
Number of memory slots *	2	Network	
Memory slots type	DIMM	Ethernet LAN	✓
Memory channels	Dual-channel	Ethernet interface type	2.5 Gigabit Ethernet
ECC compatibility	Non-ECC	Wi-Fi *	✗
Maximum internal memory *	128 GB	Features	
Unbuffered memory	✓	Motherboard chipset *	Intel B860
Storage controllers		Audio output channels *	7.1 channels
Supported storage drive types	HDD & SSD	Component for *	PC
Supported storage drive interfaces *	M.2, SATA III	Motherboard form factor *	micro ATX
Number of HDDs supported	4	Motherboard chipset family *	Intel
Number of storage drives supported	6	Windows operating systems supported	Windows 10 x64, Windows 11
RAID support	✓	Expansion slots	
RAID levels	0, 1, 5, 10	PCI Express x1 (Gen 4.x) slots	2
Graphics		PCI Express x16 (Gen 4.x) slots	1
Parallel processing technology support *	Not supported	Number of M.2 (M) slots	2
Internal I/O		1st M.2 largest key size	2280
USB 2.0 connectors *	2	1st M.2 highest PCI Express generation	5.0
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	2nd M.2 largest key size	2280
Number of SATA III connectors *	4		

Internal I/O		Expansion slots	
S/DPDIF out connector	✓	2nd M.2 highest PCI Express generation	4.0
Front panel audio connector	✓	BIOS	
Front panel connector	✓	BIOS type *	UEFI AMI
ATX Power connector (24-pin)	✓	BIOS memory size	256 Mbit
CPU fan connector	✓	Packaging data	
Number of chassis fan connectors	2	Package width	270 mm
Number of COM connectors	1	Package depth	263 mm
TPM connector	✓	Package height	51.5 mm
12V power connector	✓	Package weight	1.07 kg
RGB LED pin header	✓	Weight & dimensions	
Rear panel I/O ports		Width	244 mm
USB 2.0 ports quantity *	2	Depth	222 mm
		Packaging content	
		Cables included	SATA



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