

ASUS PRIME B760M-K Intel B760 LGA 1700 micro ATX

Brand : ASUS

Product code: 90MB1FI0-M1EAY0

Product name : PRIME B760M-K

- Intel® LGA 1700 Socket: Ready for 13th and 12th Gen Intel® processors
 - Ultrafast Connectivity: PCIe 4.0, two PCIe 4.0 M.2 slots, Realtek 2.5Gb Ethernet and front USB 3.2 Gen 1 support
 - Comprehensive Cooling: VRM heatsink, PCH heatsink, hybrid fan headers and Fan Xpert 2+
 - Aura Sync RGB Lighting: Onboard Addressable Gen 2 headers and Aura RGB header for RGB LED strips, easily synced with Aura Sync-capable hardware
- Prime B760M-K, an Intel B760 LGA 1700 mATX motherboard with PCIe 4.0, two PCIe 4.0 M.2 slots, DDR5, Realtek 2.5Gb Ethernet, VGA, HDMI, SATA 6 Gbps, front USB 3.2 Gen 1, Aura Sync



Processor		Internal I/O	
Processor manufacturer *	Intel	Number of chassis fan connectors	1
Processor socket *	LGA 1700	EPS power connector (8-pin)	✓
Compatible processor series *	Intel® Celeron®, Intel® Pentium® Gold, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9	Number of COM connectors	1
		TPM connector	✓
Maximum number of SMP processors	1	12V power connector	✓
Supported processor sockets	LGA 1700	RGB LED pin header	✓
Memory		Rear panel I/O ports	
Supported memory types *	DDR5-SDRAM	USB 2.0 ports quantity *	2
Number of memory slots *	2	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Memory slots type	DIMM	Ethernet LAN (RJ-45) ports *	1
Memory channels	Dual-channel	PS/2 ports quantity	1
ECC compatibility	Non-ECC	VGA (D-Sub) ports quantity *	1
Supported memory clock speeds	7800,7600,7400,7200,7000,6800,6600,6400,6200,6000,5800,5600,5400,5200,5000,4800,8000 MHz	HDMI ports quantity *	1
Supported memory clock speed (max)	8000 MHz	S/PDIF out port	✓
Maximum internal memory *	96 GB	Network	
Unbuffered memory	✓	Ethernet LAN	✓
Storage controllers		Ethernet interface type	2.5 Gigabit Ethernet
Supported storage drive types	HDD & SSD	Wi-Fi *	✗
Supported storage drive interfaces *	M.2, SATA III	Features	
Number of HDDs supported	4	Motherboard chipset *	Intel B760
Number of storage drives supported	6	Audio output channels *	7.1 channels
RAID support	✓	Component for *	PC
RAID levels	0, 1, 5, 10	Motherboard form factor *	micro ATX
Graphics		Motherboard chipset family *	Intel
Parallel processing technology support *	Not supported	Windows operating systems supported	Windows 10 x64, Windows 11
Internal I/O			
USB 2.0 connectors *	2		

Internal I/O		Expansion slots	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	PCI Express x1 (Gen 4.x) slots	2
Number of SATA III connectors *	4	PCI Express x16 (Gen 4.x) slots	1
S/PDIF out connector	✓	Number of M.2 (M) slots	2
Front panel audio connector	✓	BIOS	
ATX Power connector (24-pin)	✓	BIOS type *	UEFI AMI
CPU fan connector	✓	BIOS memory size	128 Mbit
		Weight & dimensions	
		Width	244 mm
		Depth	211 mm
		Packaging content	
		Cables included	SATA



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