

## ASUS PRIME B760M-A WIFI Intel B760 LGA 1700 micro ATX

**Brand :** ASUS

**Product code:** 90MB1EL0-M0EAY0

**Product name :** PRIME B760M-A WIFI

- Intel® LGA 1700 Socket: Ready for 13th and 12th Gen Intel® processors
  - Ultrafast Connectivity: PCIe 4.0, two M.2 slots, Realtek 2.5Gb Ethernet, Wi-Fi 6, rear USB 3.2 Gen 2, front USB 3.2 Gen 1 Type-C®
  - Comprehensive Cooling: VRM heatsinks, M.2 heatsink, PCH heatsink, hybrid fan headers and Fan Xpert 2+
  - Exclusive Memory Technology: ASUS Enhanced Memory Profile II and ASUS OptiMem II
  - Aura Sync RGB Lighting: Onboard Addressable Gen 2 headers and Aura RGB header for RGB LED strips, easily synced with Aura Sync-capable hardware
- Intel® B760 (LGA 1700) mATX motherboard with PCIe 4.0, DDR5, two M.2 slots, Realtek 2.5Gb Ethernet, Wi-Fi 6, DisplayPort, Dual HDMI™, SATA 6 Gbps, rear USB 3.2 Gen 2, front USB 3.2 Gen 1 Type-C®, Aura Sync



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Processor socket *	LGA 1700	Ethernet LAN (RJ-45) ports *	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold	PS/2 ports quantity	1
Supported processor sockets	LGA 1700	HDMI ports quantity *	2
Memory		HDMI version	2.1
Supported memory types *	DDR5-SDRAM	DisplayPorts quantity	1
Number of memory slots *	4	DisplayPort version	1.4
Memory slots type	DIMM	Microphone in	✓
Memory channels	Dual-channel	WiFi-AP antenna jack	2
ECC compatibility	Non-ECC	Network	
Supported memory clock speeds	7200,7000,6800,6600,6400,6200,6000,5800,5600,5400,5200,5000,4800 MHz	Ethernet LAN	✓
Supported memory clock speed (max)	7200 MHz	Ethernet interface type	2.5 Gigabit Ethernet, Fast Ethernet, Gigabit Ethernet
Maximum internal memory *	128 GB	Wi-Fi *	✓
Unbuffered memory	✓	Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Storage controllers		Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Supported storage drive types	HDD & SSD	Bluetooth	✓
Supported storage drive interfaces *	M.2, SATA III	Bluetooth version	5.2
Number of HDDs supported	4	Features	
Number of storage drives supported	6	Motherboard chipset *	Intel B760
RAID support	✓	Audio output channels *	7.1 channels
RAID levels	0, 1, 5, 10	Component for *	PC
Graphics		Motherboard form factor *	micro ATX
Parallel processing technology support *	Not supported	Motherboard chipset family *	Intel
Internal I/O		Cooling type	Passive
USB 2.0 connectors *	3		
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	3		

Internal I/O		Features	
Number of SATA III connectors *	4	Power source type	ATX
S/PDIF out connector	✓	Windows operating systems supported	Windows 10 x64, Windows 11
Front panel audio connector	✓	Expansion slots	
Front panel connector	✓	PCI Express x16 (Gen 4.x) slots	2
ATX Power connector (24-pin)	✓	Number of M.2 (M) slots	2
CPU fan connector	✓	BIOS	
Number of chassis fan connectors	2	BIOS type *	UEFI AMI
EPS power connector (8-pin)	✓	BIOS memory size	128 Mbit
Number of COM connectors	1	Packaging data	
TPM connector	✓	Package width	275 mm
12V power connector	✓	Package depth	275 mm
RGB LED pin header	✓	Package height	67.5 mm
Rear panel I/O ports		Package weight	1.4 kg
USB 2.0 ports quantity *	4	Weight & dimensions	
		Width	244 mm
		Depth	244 mm
		Height	50 mm
		Packaging content	
		Cables included	SATA
		User guide	✓
		Other features	
		Weight	886 g



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