



# ASUS PRIME B760M-A WIFI D4 Intel B760 LGA 1700 micro ATX

Brand : ASUS

Product code: 90MB1CX0-M0EAY0

Product name : PRIME B760M-A WIFI D4

- 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+
  - ASUS OptiMem II: Careful routing of traces and vias, plus ground layer optimizations to preserve signal integrity for improved memory overclocking
  - 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, PCIe 4.0, 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 2.0 ports quantity *	4
Processor socket *	LGA 1700	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold	Ethernet LAN (RJ-45) ports *	1
Supported processor sockets	LGA 1700	PS/2 ports quantity	1
		HDMI ports quantity *	2
		HDMI version	2.1
		DisplayPorts quantity	1
		DisplayPort version	1.4
		Headphone outputs	3
		Line-in	✓
		Microphone in	✓
Memory		Network	
Supported memory types *	DDR4-SDRAM	Ethernet LAN	✓
Number of memory slots *	4	Ethernet interface type	2.5 Gigabit Ethernet
Memory slots type	DIMM	Wi-Fi *	✓
Memory channels	Dual-channel	Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
ECC compatibility	Non-ECC	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 memory clock speeds	2133,2400,2666,2800,2933,3000,3200,3333,3400,3466,3600,3733,4000,4266,4400,4600,4800,5000,5066,5333 MHz	Bluetooth	✓
Supported memory clock speed (max)	5333 MHz	Bluetooth version	5.2
Maximum internal memory *	128 GB	Features	
Unbuffered memory	✓	Motherboard chipset *	Intel B760
		Audio output channels *	7.1 channels
		Component for *	PC
		Motherboard form factor *	micro ATX
		Motherboard chipset family *	Intel
		Windows operating systems supported	Windows 10 x64, Windows 11
Storage controllers		Expansion slots	
Supported storage drive types	HDD & SSD	PCI Express x16 (Gen 4.x) slots	3
Supported storage drive interfaces *	M.2, SATA III		
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 *	3		
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	3		
Number of SATA III connectors *	4		
S/PDIF out connector	✓		
Front panel audio connector	✓		
ATX Power connector (24-pin)	✓		
CPU fan connector	✓		
Number of chassis fan connectors	2		
EPS power connector (8-pin)	✓		

Internal I/O		Expansion slots	
Number of COM connectors	1	Number of M.2 (M) slots	2
TPM connector	✓	<b>BIOS</b>	
12V power connector	✓	BIOS type *	UEFI AMI
RGB LED pin header	✓	BIOS memory size	128 Mbit
		Clear CMOS button	✓
		<b>Packaging data</b>	
		Package width	275 mm
		Package depth	275 mm
		Package height	67.5 mm
		Package weight	1.4 kg
		<b>Weight &amp; dimensions</b>	
		Width	244 mm
		Depth	244 mm
		<b>Packaging content</b>	
		Cables included	SATA



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