



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

Brand : ASUS

Product code: 90MB1ELO-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,	PS/2 ports quantity	1
	Intel® Core™ i5, Intel® Core™ i7,	HDMI ports quantity *	2
Supported processor sockets	Intel® Core™ i9, Intel® Pentium® Gold	HDMI version	2.1
	LGA 1700	DisplayPorts quantity	1
<b>Memory</b>		DisplayPort version	1.4
Supported memory types *	DDR5-SDRAM	Microphone in	✓
Number of memory slots *	4	WiFi-AP antenna jack	2
Memory slots type	DIMM	<b>Network</b>	
Memory channels	Dual-channel	Ethernet LAN	✓
ECC compatibility	Non-ECC	Ethernet interface type	2.5 Gigabit Ethernet, Fast Ethernet, Gigabit Ethernet
Supported memory clock speeds	7200,7000,6800,6600,6400,6200,6000,5800,5600,5400,5200,5000,4800 MHz	Wi-Fi *	✓
Supported memory clock speed (max)	7200 MHz	Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Maximum internal memory *	128 GB	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Unbuffered memory	✓	Bluetooth	✓
<b>Storage controllers</b>		Bluetooth version	5.2
Supported storage drive types	HDD & SSD	<b>Features</b>	
Supported storage drive interfaces *	M.2, SATA III	Motherboard chipset *	Intel B760
Number of HDDs supported	4	Audio output channels *	7.1 channels
Number of storage drives supported	6	Component for *	PC
RAID support	✓	Motherboard form factor *	micro ATX
RAID levels	0, 1, 5, 10	Motherboard chipset family *	Intel
<b>Graphics</b>		Cooling type	Passive
Parallel processing technology support *	Not supported	Power source type	ATX
<b>Internal I/O</b>		Windows operating systems supported	Windows 10 x64, Windows 11
USB 2.0 connectors *	3	<b>Expansion slots</b>	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	3	PCI Express x16 (Gen 4.x) slots	2
Number of SATA III connectors *	4		
S/PDIF out connector	✓		
Front panel audio connector	✓		
Front panel connector	✓		

<b>Internal I/O</b>		<b>Expansion slots</b>	
ATX Power connector (24-pin)	✓	Number of M.2 (M) slots	2
CPU fan connector	✓	<b>BIOS</b>	
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	<b>Packaging data</b>	
TPM connector	✓	Package width	275 mm
12V power connector	✓	Package depth	275 mm
RGB LED pin header	✓	Package height	67.5 mm
<b>Rear panel I/O ports</b>		Package weight	1.4 kg
USB 2.0 ports quantity *	4	<b>Weight &amp; dimensions</b>	
		Width	244 mm
		Depth	244 mm
		Height	50 mm
		<b>Packaging content</b>	
		Cables included	SATA
		User guide	✓
		<b>Other features</b>	
		Weight	886 g



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