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

Brand : ASUS

Product code: 90MB1EL0-M1EAY0

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, LGA1700, 4 x DIMM DDR5, 2.5Gb Ethernet, 802.11 a/b/g/n/ac/ax, Bluetooth 5.2, 128Mb Flash ROM, UEFI AMI BIOS, mATX

Processor	
Processor manufacturer *	Intel
Processor socket *	LGA 1700
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold
Supported processor sockets	LGA 1700
Memory	
Supported memory types *	DDR5-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	Non-ECC
Supported memory clock speeds	7200,7000,6800,6600,6400,6200,6000,5800,5600,5400,5200,5000,4800 MHz
Supported memory clock speed (max)	7200 MHz
Maximum internal memory *	128 GB
Unbuffered memory	✔
Storage controllers	
Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, SATA III
Number of HDDs supported	4
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

Internal I/O	
12V power connector	✔
RGB LED pin header	✔
Rear panel I/O ports	
USB 2.0 ports quantity *	4
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Ethernet LAN (RJ-45) ports *	1
PS/2 ports quantity	1
HDMI ports quantity *	2
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
Microphone in	✔
WiFi-AP antenna jack	2
Network	
Ethernet LAN	✔
Ethernet interface type	2.5 Gigabit Ethernet, Fast Ethernet, Gigabit Ethernet
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Bluetooth	✔
Bluetooth version	5.2
Features	
Motherboard chipset *	Intel B760
Audio output channels *	7.1 channels

Internal I/O	
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)	✔
Number of COM connectors	1
TPM connector	✔

Features	
Component for *	PC
Motherboard form factor *	micro ATX
Motherboard chipset family *	Intel
Cooling type	Passive
Power source type	ATX
Windows operating systems supported	Windows 10 x64, Windows 11

Expansion slots	
PCI Express x16 (Gen 4.x) slots	2
Number of M.2 (M) slots	2

BIOS	
BIOS type *	UEFI AMI
BIOS memory size	128 Mbit

Weight & dimensions	
Width	244 mm
Depth	244 mm

Packaging content	
User guide	✔

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 27-FEB-2025. Prints or copies of Information are only valid on the printed Publication date