

ASUS PRIME B660M-A WIFI D4 Intel B660 LGA 1700 micro ATX

Brand : ASUS

Product code: 90MB1AE0-M1EAY0

Product name : PRIME B660M-A WIFI D4

- Intel® LGA 1700 socket: Ready for 12th Gen Intel® processors
- Ultrafast connectivity : Intel® Wi-Fi 6, PCIe 4.0, Intel® 1 Gb Ethernet ,rear USB 3.2 Gen 2 Type-A and front USB 3.2 Gen 1 Type-A and Type-C®
- ASUS OptiMem II: Careful routing of traces and vias, plus ground layer optimizations to preserve signal integrity for improved memory overclocking
- Comprehensive cooling: VRM heatsink, M.2 heatsink, PCH heatsink, hybrid fan headers and Fan Xpert 2+

Intel® B660 (LGA 1700) mATX motherboard with PCIe 4.0, two M.2 slots, Intel® 1Gb Ethernet, Intel® Wi-Fi 6 , DP, 2 x HDMI®, rear USB 3.2 Gen 2, front USB 3.2 Gen 1 Type-C, Aura Sync



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®, Intel® Pentium® Gold
Maximum number of SMP processors	1

Memory

Supported memory types *	DDR4-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	Non-ECC
Supported memory clock speeds MHz	2133, 2400, 2666, 2800, 2933, 3000, 3200, 3333, 3400, 3466, 3600, 3733, 4000, 4400, 4600, 4800, 5000, 5333
Maximum internal memory *	128 GB
Unbuffered memory	✓

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, SATA
RAID levels	0, 1, 5, 10

Graphics

Number of displays supported	3
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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	✓

Rear panel I/O ports

PS/2 ports quantity	1
HDMI ports quantity *	2
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
Headphone outputs	1
Microphone in	✓

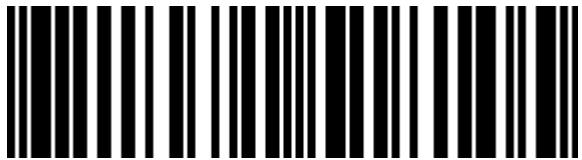
Network

Ethernet LAN	✓
Ethernet interface type	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 B660
Audio chip	Realtek ALC897
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 x64
Expansion slots	
PCI Express x16 (Gen 3.x) slots	2

Internal I/O		Expansion slots	
Number of chassis fan connectors	2	PCI Express x16 (Gen 4.x) slots	1
EPS power connector (8-pin)	✓	Number of M.2 (M) slots	2
Number of COM connectors	1		
12V power connector	✓		
RGB LED pin header	✓		
Rear panel I/O ports		BIOS	
USB 2.0 ports quantity *	4	BIOS type *	UEFI AMI
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	BIOS memory size	128 Mbit
Ethernet LAN (RJ-45) ports *	1		
		Logistics data	
		Harmonized System (HS) code	84733020
		Weight & dimensions	
		Width	244 mm
		Depth	244 mm
		Height	60 mm
		Packaging content	
		Cables included	SATA
		Drivers included	✓
		Other features	
		Weight	819 g



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