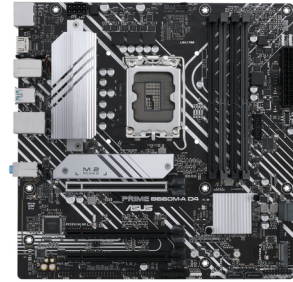**ASUS**

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

Brand : ASUS

Product code: 90MB19K0-M0EAY0

Product name : PRIME B660M-A D4

- Intel® LGA 1700 socket: Ready for 12th Gen Intel® processors
- Ultrafast connectivity : 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+

LGA 1700, Intel B660 Chipset, 4 x DDR4-SDRAM up to 128GB, LAN, 1 x RJ-45, 4 x SATA III, 2 x M.2(M), UEFI AMI, Micro ATX

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 *	DDR4-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
Non-ECC	✓
Supported memory clock speeds	2133,2400,2666,2800,2933,3000,3200,3333,3400,3466,3600,3733,4000,4266,4400,4600,4800,5000,5333 MHz
Maximum internal memory *	128 GB
Unbuffered memory	✓

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, PCI Express 4.0, SATA III
Number of HDDs supported	4
Number of storage drives supported	6
RAID support	✓
RAID levels	0, 1, 5, 10

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	✓
Front panel connector	✓
ATX Power connector (24-pin)	✓
CPU fan connector	✓
Number of chassis fan connectors	2
Chassis intrusion connector	✓
EPS power connector (8-pin)	✓
Number of COM connectors	1

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
Headphone outputs	3
USB connector type	USB Type-A

Network

Ethernet LAN	✓
Ethernet interface type	Gigabit Ethernet
Wi-Fi *	✗

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
PCI Express x16 (Gen 4.x) slots	1
Number of M.2 (M) slots	2

BIOS

BIOS type *	UEFI AMI
BIOS memory size	128 Mbit

Internal I/O

TPM connector	✓
Parallel connector	✓
RGB LED pin header	✓

BIOS

Clear CMOS jumper	✓

Logistics data

Harmonized System (HS) code	84733020

Weight & dimensions

Width	244 mm
Depth	244 mm
Height	60 mm

Packaging content

Cables included	SATA

Other features

Weight	819 g

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