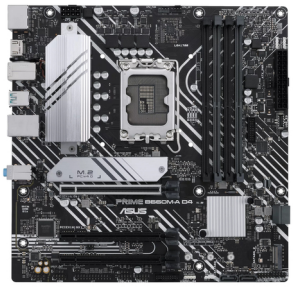
ASUS 1700 PRIME B660M-A D4 M-ATX Intel B660 LGA 1700 micro ATX



Brand : ASUS

Product code: 90MB19K0-M1EAY0

Product name : 1700 PRIME B660M-A D4 M-ATX

- Intel® LGA 1700 socket: Ready for 13th & 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+

Intel B660 (LGA 1700) mATX motherboard with PCIe 4.0, two M.2 slots, Intel 1Gb Ethernet, 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® 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	2133,2400,2666,2800,2933,3000,3200,3333,3400,3466,3600,3733,4000,4266,4400,4600,4800,5000,5333 MHz
Supported memory clock speed (max)	5333 MHz
Maximum internal memory *	128 GB

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

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)	✔

Internal I/O

EPS power connector (8-pin)	✔
TPM connector	✔
RGB LED pin header	✔

Rear panel I/O ports

USB 2.0 ports quantity *	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	2
Ethernet LAN (RJ-45) ports *	1
PS/2 ports quantity	1
HDMI ports quantity *	2
DisplayPorts quantity	1

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
Cooling type	Passive
Windows operating systems supported	Windows 10, Windows 11

Expansion slots

PCI Express x16 (Gen 3.x) slots	2

Internal I/O	
Power fan connector	✔
CPU fan connector	✔
Number of chassis fan connectors	2

Expansion slots	
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

Weight & dimensions	
Width	244 mm
Depth	244 mm

Packaging content	
Cables included	SATA

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