ASUS

ASUS PRIME B760M-R D4 Intel B760 LGA 1700 micro ATX

Brand : ASUS

Product name : PRIME B760M-R D4

Product code: 90MB1HA0-M0EAY0

- Intel LGA 1700 Socket: Ready for 14th,13th and 12th Gen Intel processors
- Ultrafast Connectivity: PCIe 4.0, two PCIe 4.0 M.2 slots, Realtek 2.5Gb Ethernet and front USB 5Gbps support
- Comprehensive Cooling: VRM heatsink, PCH heatsink, hybrid fan headers and Fan Xpert 2+
- Aura Sync RGB Lighting: Onboard Addressable Gen 2 headers for RGB LED strips, easily synced with Aura Sync-capable hardwares
- Two-Way AI Noise Cancelation: Reduces background noise from the microphone and audio output for crystal-clear communication in games or video conferences
PRIME B760M-R D4 Gaming Mainboard Sockel Intel LGA 1700 (microATX, PCIe 4.0, DDR4, 2.5Gb Ethernet, HDMI, SATA 6 Gbit/s, Aura Sync)

Processor

Processor manufacturer *	Intel
Processor socket *	LGA 1700
Compatible processor series *	Intel Core i9 14th Gen, Intel Core i3 12th Gen, Intel Core i3 13th Gen, Intel Core i5 12th Gen, Intel Core i5 13th Gen, Intel Core i7 12th Gen, Intel Core i7 13th Gen, Intel Core i9 12th Gen, Intel Core i9 13th Gen
Supported processor sockets	LGA 1700

Memory

Supported memory types *	DDR4-SDRAM
Number of memory slots *	2
Memory slots type	DIMM
Memory channels	Dual-channel
Non-ECC	✓
Supported memory clock speeds	2133,2400,2666,2800,2933,3000,3200,3333,3400,3466,3600,3733,4000,4266,4400,4600,4800,5000,5066,5333 MHz
Supported memory clock speed (max)	5333 MHz
Maximum internal memory *	64 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 *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
Number of SATA III connectors *	4
Front panel audio connector	✓
ATX Power connector (24-pin)	✓
CPU fan connector	✓

Internal I/O

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-A ports quantity *	4
Ethernet LAN (RJ-45) ports *	1
HDMI ports quantity *	1
HDMI version	2.1
Headphone outputs	1
Line-in	✓

Network

Ethernet LAN	✓
Ethernet interface type	2.5 Gigabit Ethernet
Wi-Fi *	✗

Features

Motherboard chipset *	Intel B760
Audio output channels *	7.1 channels
Product colour	Black
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, Windows 11

Expansion slots

PCI Express x1 (Gen 4.x) slots	2
PCI Express x16 (Gen 4.x) slots	1
Number of M.2 (M) slots	2

BIOS

BIOS type *	UEFI AMI

Internal I/O

Number of chassis fan connectors	2
EPS power connector (8-pin)	✓
Number of COM connectors	1
TPM connector	✓
12V power connector	✓

BIOS

BIOS memory size	128 Mbit

Packaging data

Package width	270 mm
Package depth	263 mm
Package height	51.5 mm
Package weight	903 g

Weight & dimensions

Width	244 mm
Depth	211 mm

Packaging content

Cables included	SATA

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