ASUS

ASUS PRIME B760-PLUS Intel B760 LGA 1700 ATX
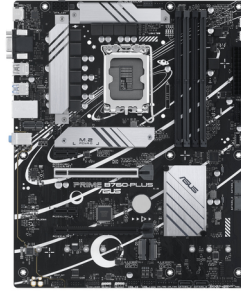
Brand : ASUS

Product name : PRIME B760-PLUS

Product code: 90MB1EF0-M1EAY0

- Intel® LGA 1700 Socket: Ready for 13th and 12th Gen Intel® processors
- Ultrafast Connectivity: PCIe 5.0, three PCIe 4.0 M.2, Realtek 2.5Gb Ethernet, USB 3.2 Gen 2x2 Type-C®, front USB 3.2 Gen 1 Type-C® and Thunderbolt™ (USB4®) header support
- 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
Prime B760-PLUS, an Intel B760 LGA 1700 ATX motherboard with PCIe 5.0, three PCIe 4.0 M.2 slots, DDR5, Realtek 2.5Gb Ethernet, DisplayPort, VGA, HDMI™, SATA 6 Gbps, USB 3.2 Gen 2x2 Type-C, front USB 3.2 Gen 1 Type-C, Thunderbolt (USB4) support, 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
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	4800,5000,5200,5400,5600,5800,6000,6200,6400,6600,6800,7000,7200 MHz
Maximum internal memory *	192 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	7
RAID support	✔
RAID levels	0, 1, 5, 10

Graphics

Parallel processing technology support *	Not supported

Internal I/O

USB 2.0 connectors *	2

Rear panel I/O ports

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
USB 3.2 Gen 2x2 Type-C ports quantity	1
Ethernet LAN (RJ-45) ports *	1
VGA (D-Sub) ports quantity *	1
HDMI ports quantity *	1
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
Headphone outputs	1
Line-in	✔

Network

Ethernet LAN	✔
Ethernet interface type	2.5 Gigabit Ethernet, Fast Ethernet, Gigabit Ethernet
Wi-Fi *	✗

Features

Motherboard chipset *	Intel B760
Audio output channels *	7.1 channels
Component for *	PC
Motherboard form factor *	ATX
Motherboard chipset family *	Intel
Cooling type	Passive
Power source type	ATX
Windows operating systems supported	Windows 10 x64, Windows 11

Internal I/O

USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2
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	3
Peripheral (Molex) power connectors (4-pin)	1
EPS power connector (8-pin)	✔
Number of COM connectors	1
TPM connector	✔
Thunderbolt headers	1
12V power connector	✔
RGB LED pin header	✔

Rear panel I/O ports

USB 2.0 ports quantity *	2

Expansion slots

PCI Express x1 (Gen 3.x) slots	2
PCI Express x16 (Gen 4.x) slots	1
PCI Express x16 (Gen 5.x) slots	1
Number of M.2 (M) slots	3

BIOS

BIOS type *	UEFI AMI
BIOS memory size	128 Mbit

Packaging data

Package width	328 mm
Package depth	266 mm
Package height	53 mm
Package weight	1.2 kg

Weight & dimensions

Width	305 mm
Depth	244 mm
Height	36 mm

Packaging content

Cables included	SATA

Other features

Weight	760 g

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