

## ASUS PRIME B760-PLUS D4 Intel B760 LGA 1700 ATX

**Brand :** ASUS

**Product code:** 90MB1CW0-M1EAY0

**Product name :** PRIME B760-PLUS D4

- 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+
  - ASUS OptiMem: Careful routing of traces and vias to preserve signal integrity for improved memory stability
  - 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 D4, an Intel B760 LGA 1700 ATX motherboard with PCIe 5.0, three PCIe 4.0 M.2 slots, DDR4, 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



<b>Processor</b>		<b>Internal I/O</b>	
Processor manufacturer *	Intel	Thunderbolt headers	1
Processor socket *	LGA 1700	12V power connector	✓
Compatible processor series *	Intel® Celeron®, Intel® Pentium® Gold, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9	RGB LED pin header	✓
Supported processor sockets	LGA 1700	<b>Rear panel I/O ports</b>	
<b>Memory</b>		USB 2.0 ports quantity *	2
Supported memory types *	DDR4-SDRAM	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Number of memory slots *	4	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Memory slots type	DIMM	USB 3.2 Gen 2x2 Type-C ports quantity	1
Memory channels	Dual-channel	Ethernet LAN (RJ-45) ports *	1
ECC compatibility	Non-ECC	VGA (D-Sub) ports quantity *	1
Supported memory clock speeds	2133,2400,2666,2800,2933,3000,3200,3333,3400,3466,3600,3733,4000,4266,4400,4600,4800,5000,5066 MHz	HDMI ports quantity *	1
Supported memory clock speed (max)	5066 MHz	HDMI version	2.1
Maximum internal memory *	128 GB	DisplayPorts quantity	1
Unbuffered memory	✓	DisplayPort version	1.4
<b>Storage controllers</b>		Headphone outputs	1
Supported storage drive types	HDD & SSD	Line-in	✓
Supported storage drive interfaces *	M.2, SATA III	<b>Network</b>	
Number of HDDs supported	4	Ethernet LAN	✓
Number of storage drives supported	7	Ethernet interface type	2.5 Gigabit Ethernet
RAID support	✓	Wi-Fi *	✗
RAID levels	0, 1, 5, 10	<b>Features</b>	
<b>Graphics</b>		Motherboard chipset *	Intel B760
Parallel processing technology support *	Not supported	Audio output channels *	7.1 channels
<b>Internal I/O</b>		Component for *	PC
USB 2.0 connectors *	2	Motherboard form factor *	ATX
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2		
Number of SATA III connectors *	4		

Internal I/O		Features	
S/PDIF out connector	✓	Motherboard chipset family *	Intel
Front panel audio connector	✓	Windows operating systems supported	Windows 10 x64, Windows 11
Front panel connector	✓	<b>Expansion slots</b>	
ATX Power connector (24-pin)	✓	PCI Express x1 (Gen 3.x) slots	2
CPU fan connector	✓	PCI Express x16 (Gen 4.x) slots	1
Number of chassis fan connectors	3	PCI Express x16 (Gen 5.x) slots	1
Peripheral (Molex) power connectors (4-pin)	1	Number of M.2 (M) slots	3
EPS power connector (8-pin)	✓	<b>BIOS</b>	
Number of COM connectors	1	BIOS type *	UEFI AMI
TPM connector	✓	BIOS memory size	128 Mbit
		<b>Weight &amp; dimensions</b>	
		Width	305 mm
		Depth	244 mm
		<b>Packaging content</b>	
		Cables included	SATA

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Publication date: 28-DEC-2024. Prints or copies of Information are only valid on the printed Publication date