

# 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



Processor		Internal I/O	
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	Rear panel I/O ports	
Memory		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
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
Storage controllers		Headphone outputs	1
Supported storage drive types	HDD & SSD	Line-in	✓
Supported storage drive interfaces *	M.2, SATA III	Network	
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	Features	
Graphics		Motherboard chipset *	Intel B760
Parallel processing technology support *	Not supported	Audio output channels *	7.1 channels
Internal I/O		Component for *	PC
USB 2.0 connectors *	2	Motherboard form factor *	ATX
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Motherboard chipset family *	Intel
Number of SATA III connectors *	4	Windows operating systems supported	Windows 10 x64, Windows 11
S/PDIF out connector	✓		
Front panel audio connector	✓		
Front panel connector	✓		
ATX Power connector (24-pin)	✓		

Internal I/O		Expansion slots	
CPU fan connector	✓	PCI Express x1 (Gen 3.x) slots	2
Number of chassis fan connectors	3	PCI Express x16 (Gen 4.x) slots	1
Peripheral (Molex) power connectors (4-pin)	1	PCI Express x16 (Gen 5.x) slots	1
EPS power connector (8-pin)	✓	Number of M.2 (M) slots	3
Number of COM connectors	1	<b>BIOS</b>	
TPM connector	✓	BIOS type *	UEFI AMI
		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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