



ASUS PRIME H670-PLUS D4 Intel H670 LGA 1700 ATX

Brand : ASUS

Product code: 90MB18W0-M0EAY0

Product name : PRIME H670-PLUS D4



- Intel® LGA 1700 socket: Ready for 12th Gen Intel® processors
 - Ultrafast connectivity: PCIe 4.0 slots, three M.2 slots, Realtek 2.5Gb Ethernet and Thunderbolt™ 4 support
 - Comprehensive cooling: VRM heatsink, 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
- Intel® H670 (LGA 1700) ATX motherboard with 8 power stages, PCIe 4.0 slots, three M.2 slots, rear USB 3.2 Gen 2 Type-C®, Realtek 2.5Gb Ethernet, Thunderbolt™ 4 header support, DisplayPort, HDMI®, Aura Sync

Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Processor socket *	LGA 1700	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium®, Intel® Pentium® Gold	Ethernet LAN (RJ-45) ports *	1
Maximum number of SMP processors	1	HDMI ports quantity *	1
		HDMI version	2.1
		DisplayPorts quantity	1
		DisplayPort version	1.4
		Headphone outputs	1
		Microphone in	✓
		USB connector type	USB Type-A, USB Type-C
Memory		Network	
Supported memory types *	DDR4-SDRAM	Ethernet LAN	✓
Number of memory slots *	4	Ethernet interface type	2.5 Gigabit Ethernet
Memory slots type	DIMM	Wi-Fi *	✗
Memory channels	Dual-channel	Features	
Non-ECC	✓	Motherboard chipset *	Intel H670
Supported memory clock speeds MHz	2133,2400,2666,2800,2933,3000,3200,3333,3400,3466,3600,3733,3866,4000,4266,4400,4600,4800,5000,5066	Audio output channels *	7.1 channels
Maximum internal memory *	128 GB	Component for *	PC
Unbuffered memory	✓	Motherboard form factor *	ATX
		Motherboard chipset family *	Intel
		Windows operating systems supported	Windows 10 x64, Windows 11 x64
Storage controllers		Expansion slots	
Supported storage drive types	HDD & SSD	PCI Express x1 (Gen 3.x) slots	2
Supported storage drive interfaces *	M.2, SATA	PCI Express x16 (Gen 3.x) slots	1
RAID levels	0, 1, 5, 10	PCI Express x16 (Gen 4.x) slots	1
		Number of M.2 (M) slots	3
Graphics		BIOS	
Number of displays supported	2	BIOS type *	UEFI AMI
		BIOS memory size	192 Mbit
Internal I/O			
USB 2.0 connectors *	2		
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	✓		
ATX Power connector (24-pin)	✓		
CPU fan connector	✓		
Number of chassis fan connectors	3		
EPS power connector (8-pin)	✓		
Number of COM connectors	1		
Thunderbolt headers	1		
12V power connector	✓		

Internal I/O		Logistics data	
RGB LED pin header	✓	Harmonized System (HS) code	84733020
Rear panel I/O ports		Weight & dimensions	
USB 2.0 ports quantity *	2	Width	305 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Depth	244 mm
		Height	53 mm
		Packaging content	
		Cables included	SATA
		Drivers included	✓
		Other features	
		Weight	707 g



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