

ASUS PRIME H770-PLUS Intel H770 LGA 1700 ATX

Brand : ASUS

Product code: 90MB1EE0-M1EAY0

Product name : PRIME H770-PLUS

- 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 2 Type-C® and Thunderbolt™ (USB4®) header support
 - Comprehensive Cooling: VRM heatsink, 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 headers for RGB LED strips, easily synced with Aura Sync-capable hardware
 - Two-Way AI Noise Cancellation: Reduces background noise from the microphone and audio output for crystal-clear communication in games or video conferences
- PRIME H770-PLUS gaming motherboard socket Intel LGA 1700 (Intel H770, ATX, DDR5 memory, 3x PCIe 4.0 M.2, Thunderbolt 4, Aura Sync)



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 2.0 ports quantity *	2
Processor socket *	LGA 1700	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Supported processor sockets	LGA 1700	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Memory		Ethernet LAN (RJ-45) ports *	1
Supported memory types *	DDR5-SDRAM	HDMI ports quantity *	1
Number of memory slots *	4	HDMI version	2.1
Memory slots type	DIMM	DisplayPorts quantity	1
Memory channels	Dual-channel	DisplayPort version	1.4
ECC compatibility	Non-ECC	Headphone outputs	1
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400,6600,6800,7000,7200 MHz	Line-in	✓
Supported memory clock speed (max)	7200 MHz	Microphone in	✓
Maximum internal memory *	192 GB		
Unbuffered memory	✓		
Storage controllers		Network	
Supported storage drive types	HDD & SSD	Ethernet LAN	✓
Supported storage drive interfaces *	M.2, SATA III	Ethernet interface type	2.5 Gigabit Ethernet
Number of HDDs supported	4	Wi-Fi *	✗
Number of storage drives supported	7		
RAID support	✓		
RAID levels	0, 1, 10		
Graphics		Features	
Parallel processing technology support *	Not supported	Motherboard chipset *	Intel H770
		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, Windows 11
Internal I/O			
USB 2.0 connectors *	2		
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2		

Internal I/O		Expansion slots	
Number of SATA III connectors *	4	PCI Express x1 (Gen 3.x) slots	2
S/PDIF out connector	✓	PCI Express x16 (Gen 4.x) slots	2
Front panel audio connector	✓	PCI Express x16 (Gen 5.x) slots	1
ATX Power connector (24-pin)	✓	Number of M.2 (M) slots	3
CPU fan connector	✓	BIOS	
Number of chassis fan connectors	3	BIOS type *	UEFI AMI
Peripheral (Molex) power connectors (4-pin)	1	BIOS memory size	192 Mbit
EPS power connector (8-pin)	✓	Packaging data	
Number of COM connectors	1	Package width	328 mm
TPM connector	✓	Package depth	226 mm
Thunderbolt headers	1	Package height	53 mm
12V power connector	✓	Package weight	1.27 kg
RGB LED pin header	✓	Weight & dimensions	
		Width	305 mm
		Depth	244 mm
		Packaging content	
		Cables included	SATA
		User guide	✓



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