

ASUS PRIME H510M-K Intel H510 LGA 1200 (Socket H5) micro ATX

Brand : ASUS

Product code: 90MB17N0-M0EAY0

Product name : PRIME H510M-K

- Intel® LGA 1200 socket: Ready for 11th and 10th Gen Intel® Processors
 - Ultrafast connectivity: PCIe 4.0, 32Gbps M.2 slot, Intel® 1 Gb Ethernet and USB 3.2 Gen 1
 - Comprehensive cooling: PCH heatsink and Fan Xpert
 - 5X Protection III: Multiple hardware safeguards for all-round protection
 microATX, Intel H510 chipset, Socket LGA 1200, 2xDDR4 DIMM slots, 7.1ch audio, Gigabit LAN
 ASUS PRIME H510M-K. Processor manufacturer: Intel, Processor socket: LGA 1200 (Socket H5),
 Compatible processor series: Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7,
 Intel® Core™ i9, Intel Pentium G. Supported memory types: DDR4-SDRAM, Maximum internal memory:
 64 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, PCI Express 3.0, SATA III,
 Supported storage drive types: HDD & SSD. Maximum resolution: 3840 x 2160 pixels. HDMI version:
 1.4/2.0, USB connector type: USB Type-A



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor socket *	LGA 1200 (Socket H5)	Ethernet LAN (RJ-45) ports *	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel Pentium G	PS/2 ports quantity	1
Supported processor sockets	LGA 1200 (Socket H5)	VGA (D-Sub) ports quantity *	1
Memory		HDMI ports quantity *	1
Supported memory types *	DDR4-SDRAM	HDMI version	1.4/2.0
Number of memory slots *	2	Headphone outputs	3
Memory slots type	DIMM	Microphone in	✓
Memory channels	Dual-channel	USB connector type	USB Type-A
ECC compatibility	Non-ECC	Network	
Supported memory clock speeds	2133,2400,2666,2800,2933,3200 MHz	Ethernet LAN	✓
Maximum internal memory *	64 GB	Ethernet interface type	Gigabit Ethernet
Unbuffered memory	✓	LAN controller	Intel® I219-V
Storage controllers		Wake-on-LAN ready	✓
Supported storage drive types	HDD & SSD	Wi-Fi *	✗
Supported storage drive interfaces *	M.2, PCI Express 3.0, SATA III	Features	
Number of storage drives supported	5	Motherboard chipset *	Intel H510
Graphics		Audio chip	Realtek ALC887 / Realtek ALC897
Parallel processing technology support *	Not supported	Audio output channels *	7.1 channels
Maximum resolution	3840 x 2160 pixels	Component for *	PC
Internal I/O		Motherboard form factor *	micro ATX
USB 2.0 connectors *	1	Motherboard chipset family *	Intel
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Windows operating systems supported	Windows 10 x64
		Expansion slots	
		PCI Express x1 (Gen 3.x) slots	1

Internal I/O		Expansion slots	
Number of SATA III connectors *	4	PCI Express x16 (Gen 4.x) slots	1
S/PDIF out connector	✓	Number of M.2 (M) slots	1
Front panel audio connector	✓	BIOS	
ATX Power connector (24-pin)	✓	BIOS type *	UEFI AMI
CPU fan connector	✓	BIOS memory size	128 Mbit
Number of chassis fan connectors	1	Clear CMOS jumper	✓
EPS power connector (8-pin)	✓	Logistics data	
Number of COM connectors	1	Harmonized System (HS) code	84733020
TPM connector	✓	Weight & dimensions	
12V power connector	✓	Width	226 mm
RGB LED pin header	✓	Depth	203 mm
		Height	51 mm
Rear panel I/O ports		Packaging content	
USB 2.0 ports quantity *	4	Cables included	SATA
		Drivers included	✓
		Other features	
		Weight	803 g



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