

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

**Brand :** ASUS

**Product code:** 90MB18C0-M0ECY0

**Product name :** PRIME H510M-R

- Intel® LGA 1200 socket: Ready for 11th & 10th Gen Intel® Core™ processors  
 - 5X Protection III: Multiple hardware safeguards for all-round protection  
 - Ultrafast connectivity: PCIe 4.0, Realtek 1 Gb Ethernet, USB 3.2 Gen 1 Type-A  
 LGA 1200 (Socket H5), Intel H510 Chipset, 2 x DDR4-SDRAM, LAN, 1 x RJ-45, 4 x SATA III, UEFI AMI, Micro ATX

ASUS PRIME H510M-R. Processor manufacturer: Intel, Processor socket: LGA 1200 (Socket H5), Compatible processor series: Intel® Celeron® G, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold. Supported memory types: DDR4-SDRAM, Memory slots type: DIMM, Memory channels: Dual-channel. Supported storage drive interfaces: SATA III, Supported storage drive types: HDD & SSD. USB connector type: USB Type-A. Ethernet interface type: Gigabit Ethernet



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 2.0 ports quantity *	2
Processor socket *	LGA 1200 (Socket H5)	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Compatible processor series *	Intel® Celeron® G, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold	Ethernet LAN (RJ-45) ports *	1
Supported processor sockets	LGA 1200 (Socket H5)	PS/2 ports quantity	2
<b>Memory</b>		VGA (D-Sub) ports quantity *	1
Supported memory types *	DDR4-SDRAM	HDMI ports quantity *	1
Number of memory slots *	2	DVI-D ports quantity *	1
Memory slots type	DIMM	Headphone outputs	3
Memory channels	Dual-channel	Microphone in	✓
Non-ECC	✓	USB connector type	USB Type-A
Supported memory clock speeds	2133,2400,2666,2800,3200 MHz	<b>Network</b>	
Unbuffered memory	✓	Ethernet LAN	✓
<b>Storage controllers</b>		Ethernet interface type	Gigabit Ethernet
Supported storage drive types	HDD & SSD	Wi-Fi *	✗
Supported storage drive interfaces *	SATA III	<b>Features</b>	
Number of storage drives supported	4	Motherboard chipset *	Intel H510
<b>Internal I/O</b>		Audio chip	Realtek ALC897
USB 2.0 connectors *	2	Audio output channels *	7.1 channels
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Component for *	PC
Number of SATA III connectors *	4	Motherboard form factor *	micro ATX
Audio connector	✓	Motherboard chipset family *	Intel
Front panel audio connector	✓	Power source type	ATX
Front panel connector	✓	Windows operating systems supported	Windows 10 x64
ATX Power connector (24-pin)	✓	<b>Expansion slots</b>	
Number of EATX power connectors	1	PCI Express x1 (Gen 3.x) slots	1
CPU fan connector	✓	PCI Express x16 (Gen 4.x) slots	1
Number of chassis fan connectors	1	<b>BIOS</b>	
TPM connector	✓	BIOS type *	UEFI AMI
		BIOS memory size	128 Mbit

Internal I/O		BIOS	
Parallel connector	✓	Clear CMOS jumper	✓
Serial port headers	1	Logistics data	
12V power connector	✓	Harmonized System (HS) code	84733020
		Weight & dimensions	
		Width	213 mm
		Depth	188 mm
		Packaging content	
		Cables included	SATA



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