ASUS Prime H510M-R R2.0 Intel H470 LGA 1200 (Socket H5) micro ATX
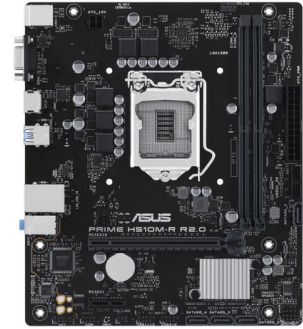
Brand : ASUS   **Product code:** 90MB1EX0-M0ECY0

Product name : Prime H510M-R R2.0

- Intel® LGA 1200 socket: Ready for 11th and 10th Gen Intel® Processors
- Ultrafast connectivity: PCIe 4.0, 1 Gb Ethernet and USB 3.2 Gen 1
- 5X Protection III: Multiple hardware safeguards for all-round protection
Intel H470, LGA1200, 2 x DIMM slots, Max. 64GB, DDR4, Realtek 1Gb Ethernet, 128 Mb Flash ROM, UEFI AMI BIOS, mATX
ASUS Prime H510M-R R2.0. 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,.... Supported memory types: DDR4-SDRAM, Maximum internal memory: 64 GB, Memory slots type: DIMM. Supported storage drive interfaces: SATA III, Supported storage drive types: HDD & SSD. Ethernet interface type: Fast Ethernet, Gigabit Ethernet. Component for: PC, Motherboard form factor: micro ATX, Motherboard chipset family: Intel

Processor

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® Gold

Memory

Supported memory types *	DDR4-SDRAM
Number of memory slots *	2
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	Non-ECC
Supported memory clock speeds	2133,2400,2666,2800,2933,3000,3200 MHz
Maximum internal memory *	64 GB
Unbuffered memory	✔

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	SATA III
Number of HDDs supported	4
Number of storage drives supported	4

Graphics

Parallel processing technology support *	Not supported

Internal I/O

Number of COM connectors	1
TPM connector	✔
12V power connector	✔

Rear panel I/O ports

USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Ethernet LAN (RJ-45) ports *	1
PS/2 ports quantity	2
VGA (D-Sub) ports quantity *	1
HDMI ports quantity *	1
Headphone outputs	1
Microphone in	✔

Network

Ethernet LAN	✔
Ethernet interface type	Fast Ethernet, Gigabit Ethernet
Wi-Fi *	✘

Features

Motherboard chipset *	Intel H470
Audio output channels *	7.1 channels
Component for *	PC
Motherboard form factor *	micro ATX
Motherboard chipset family *	Intel

Internal I/O

USB 2.0 connectors *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
Number of SATA III connectors *	4
Front panel audio connector	✔
ATX Power connector (24-pin)	✔
CPU fan connector	✔
Number of chassis fan connectors	1
Chassis intrusion connector	✔

Features

Windows operating systems supported	Windows 10 x64

Expansion slots

PCI Express x1 (Gen 3.x) slots	1
PCI Express x16 (Gen 4.x) slots	1

BIOS

BIOS type *	UEFI AMI
BIOS memory size	128 Mbit

Weight & dimensions

Width	218 mm
Depth	188 mm

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