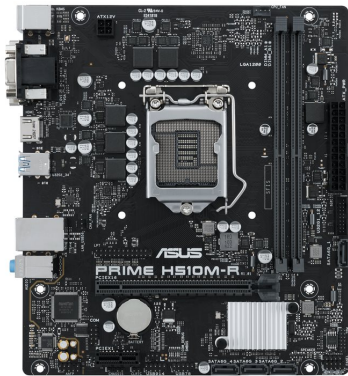


ASUS PRIME H510M-R - motherboard - micro ATX - LGA1200 Socket - H510



06-05-2024

SKU	90MB18C0-M0ECY0
Product Description:	ASUS PRIME H510M-R - motherboard - micro ATX - LGA1200 Socket - H510
Product Type:	Motherboard - micro ATX
Chipset Type:	Intel H510
Processor Socket:	1 x LGA1200 Socket
Compatible Processors:	(supports 11th and 10th Generation Intel Core / Pentium Gold / Celeron)
Max RAM Size:	64 GB
RAM Supported:	2 DIMM slots - DDR4, non-ECC, unbuffered



General

Product Type:	Motherboard - micro ATX
Chipset Type:	Intel H510
Processor Socket:	LGA1200 Socket
Max Processors Qty:	1
Compatible Processors:	(supports 11th and 10th Generation Intel Core / Pentium Gold / Celeron)

Supported RAM

Max Size:	64 GB
Technology:	DDR4
Bus Clock:	2400 MHz, 2133 MHz, 2800 MHz, 2666 MHz, 2933 MHz, 3200 MHz (O.C.)
Supported RAM Integrity Check:	Non-ECC
Registered or Buffered:	Unbuffered
Features:	Dual channel memory architecture, Intel Extreme Memory Profiles (XMP)

Audio

Type:	HD Audio (8-channel)
Audio Codec:	Realtek ALC897
Compliant Standards:	High Definition Audio

LAN

Network Interfaces:	Gigabit Ethernet
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Miscellaneous

Width:	21.3 cm
Depth:	18.8 cm

Features

BIOS Type:	AMI
BIOS Features:	UEFI BIOS, ASUS EZ Flash 3
Sleep / Wake Up:	Wake on LAN (WOL), wake on PME

Hardware Features:	Jack retasking, ASUS Q-Design, ASUS TurboV EVO, Q-DIMM, Q-Slot, CrashFree BIOS 3, audio jack detect technology, ASUS EPU (Energy Processing Unit), Intel Turbo Boost Technology 2.0, ASUS DIGI+ VRM, Preboot eXecution Environment (PXE), ASUS Stainless Steel Back I/O, LANGuard, ASUS Overvoltage Protection, ASUS 5X Protection III, ASUS SafeSlot Core, Intel Turbo Boost Max Technology 3.0, Armoury Crate
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Expansion / Connectivity

Expansion Slots:	1 x CPU ! 2 x DIMM 288-pin ! 1 x PCIe 4.0 x16 (PCIe 4.0 (11th Gen Intel CPUs), PCIe 3.0 (10th Gen Intel CPUs)) ! 1 x PCIe 3.0 x1
Storage Interfaces:	SATA-600 -connectors: 4 x 7pin Serial ATA
Interfaces:	1 x HDMI ! 1 x DVI-D ! 1 x VGA ! 2 x USB 3.2 Gen 1 ! 1 x PS/2 mouse ! 2 x USB 2.0 ! 1 x PS/2 keyboard ! 1 x audio line-in - mini-jack ! 1 x audio line-out - mini-jack ! 1 x microphone - mini-jack ! 1 x LAN (Gigabit Ethernet)
Internal Interfaces:	4 x USB 2.0 - header ! 2 x USB 3.2 Gen 1 - header ! 1 x audio - header ! 1 x serial - header ! 1 x parallel - header ! 1 x speaker - header ! 1 x SPI - header
Power Connectors:	4-pin ATX12V connector, 24-pin main power connector