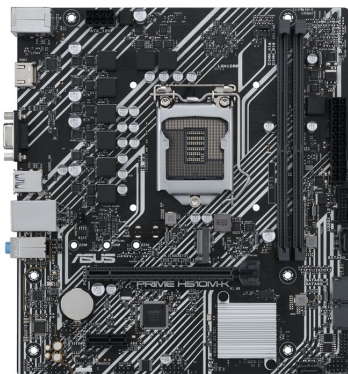


ASUS PRIME H510M-K R2.0 - motherboard - micro ATX - LGA1200 Socket - H470



06-10-2024

SKU	PRIME H510M-K R2.0
Product Description:	ASUS PRIME H510M-K R2.0 - motherboard - micro ATX - LGA1200 Socket - H470
Product Type:	Motherboard - micro ATX
Chipset Type:	Intel H470
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 H470
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, 3000 MHz (O.C.), 3200 MHz (O.C.)
Supported RAM Integrity Check:	Non-ECC
Registered or Buffered:	Unbuffered

Features: Dual channel memory architecture, Intel Extreme Memory Profiles (XMP)

Miscellaneous

Included Accessories:	1 x M.2 anchor, IO shield
Cables Included:	2 x Serial ATA cable
Software Included:	ASUS TurboV EVO Utility, ASUS CPU-Z, ASUS AI Suite III, ASUS EZ Update, PC Cleaner, WinRAR, Norton AntiVirus (60 days trial), Armoury Crate, ASUS Fan Xpert
Width:	22.6 cm
Depth:	20.3 cm

Features

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

Audio

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

LAN

Network Interfaces:	Gigabit Ethernet
---------------------	------------------

Features

Hardware Features:

Jack retasking, ASUS Q-Design, ASUS TurboV EVO, Q-DIMM, ASUS EZ DIY, Q-Slot, CrashFree BIOS 3, audio jack detect technology, ASUS EPU (Energy Processing Unit), ASUS Fan Xpert, Intel Turbo Boost Technology 2.0, ASUS DIGI+ VRM, Preboot eExecution 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

Expansion / Connectivity

Expansion Slots:	1 x CPU ; 2 x DIMM 288-pin ; 1 x PCIe 4.0 x16 ; 1 x PCIe 3.0 x16 (2242/2260/2280 M.2 Key M slot) ; 1 x PCIe 3.0 x1 (2242/2260/2280 M.2 Key M slot)
------------------	--

Storage Interfaces:	SATA-600 -connectors: 4 x 7pin Serial ATA ; PCIe 3.0 -connectors: 1 x M.2
---------------------	---

Interfaces:	1 x LAN (Gigabit Ethernet) ; 1 x VGA ; 1 x HDMI ; 4 x USB 3.2 Gen 1 ; 2 x USB 2.0 ; 1 x microphone - mini-jack ; 1 x audio line-out - mini-jack ; 1 x audio line-in - mini-jack ; 1 x PS/2 keyboard / mouse
-------------	---

Internal Interfaces:	4 x USB 2.0 - header ; 2 x USB 3.2 Gen 1 - header ; 1 x SPDIF out - header ; 1 x speaker - header ; 1 x SPI - header ; 1 x serial - header
----------------------	--

Power Connectors:	24-pin main power connector, 8-pin ATX12V connector
-------------------	---

