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

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 processor sockets	LGA 1200 (Socket H5)

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	2133,2400,2666,2800,2933,3200 MHz
Maximum internal memory *	64 GB
Unbuffered memory	✔

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, PCI Express 3.0, SATA III
Number of storage drives supported	5

Graphics

Parallel processing technology support *	Not supported
Maximum resolution	3840 x 2160 pixels

Internal I/O

USB 2.0 connectors *	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1

Rear panel I/O ports

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Ethernet LAN (RJ-45) ports *	1
PS/2 ports quantity	1
VGA (D-Sub) ports quantity *	1
HDMI ports quantity *	1
HDMI version	1.4/2.0
Headphone outputs	3
Microphone in	✔
USB connector type	USB Type-A

Network

Ethernet LAN	✔
Ethernet interface type	Gigabit Ethernet
LAN controller	Intel® I219-V
Wake-on-LAN ready	✔
Wi-Fi *	✖

Features

Motherboard chipset *	Intel H510
Audio chip	Realtek ALC887 / Realtek ALC897
Audio output channels *	7.1 channels
Component for *	PC
Motherboard form factor *	micro ATX
Motherboard chipset family *	Intel
Windows operating systems supported	Windows 10 x64

Expansion slots

PCI Express x1 (Gen 3.x) slots	1

Internal I/O

Number of SATA III connectors *	4
S/PDIF out connector	✔
Front panel audio connector	✔
ATX Power connector (24-pin)	✔
CPU fan connector	✔
Number of chassis fan connectors	1
EPS power connector (8-pin)	✔
Number of COM connectors	1
TPM connector	✔
12V power connector	✔
RGB LED pin header	✔

Rear panel I/O ports

USB 2.0 ports quantity *	4

Expansion slots

PCI Express x16 (Gen 4.x) slots	1
Number of M.2 (M) slots	1

BIOS

BIOS type *	UEFI AMI
BIOS memory size	128 Mbit
Clear CMOS jumper	✔

Logistics data

Harmonized System (HS) code	84733020

Weight & dimensions

Width	226 mm
Depth	203 mm
Height	51 mm

Packaging content

Cables included	SATA
Drivers included	✔

Other features

Weight	803 g

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