ASUS

ASUS PRIME H610M-A D4-CSM Intel H610 LGA 1700 micro ATX

Brand : ASUS

Product name : PRIME H610M-A D4-CSM

Product code: 90MB19P0-M0EAYC

- Intel LGA 1700 socket: Ready for 12th Gen Intel processors
- Comprehensive cooling: VRM heatsink, PCH heatsink and Fan Xpert 2+
- Ultrafast connectivity: 32Gbps M.2 slot, Intel 1 Gb Ethernet and USB 3.2 Gen 2 ports
- Aura Sync RGB: Onboard addressable Gen 2 headers for RGB LED strips, easily synced with Aura Sync-capable hardware
- ASUS Control Center Express (ACCE) for easier IT endpoint management
Intel H610, LGA1700, 2x DDR4, DP, HDMI, VGA, M.2, SATA III, 1G LAN, USB 3.2, mATX, 244x211 mm
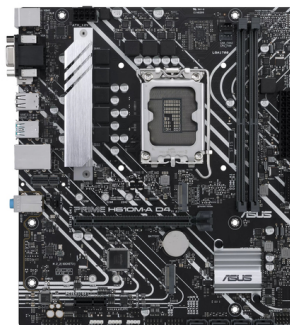
Processor

Processor manufacturer *	Intel
Processor socket *	LGA 1700
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium®
Maximum number of SMP processors	1

Memory

Supported memory types *	DDR4-SDRAM, LPDDR3-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 *	M.2, SATA III

Internal I/O

USB 2.0 connectors *	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
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	2
Number of COM connectors	1

Rear panel I/O ports

USB 3.2 Gen 2 (3.1 Gen 2) 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
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4

Network

Ethernet LAN	✔
Ethernet interface type	Gigabit Ethernet
Wake-on-LAN ready	✔
Wi-Fi *	✗

Features

Motherboard chipset *	Intel H610
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, Windows 11 x64

Expansion slots

PCI Express x1 (Gen 3.x) slots	1
PCI Express x16 (Gen 4.x) slots	1
Number of M.2 (M) slots	2

BIOS

BIOS type *	UEFI AMI
BIOS memory size	128 Mbit

Internal I/O

TPM connector	✔
12V power connector	✔
RGB LED pin header	✔

Rear panel I/O ports

USB 2.0 ports quantity *	4

Logistics data

Harmonized System (HS) code	84733020

Weight & dimensions

Width	244 mm
Depth	211 mm
Height	221 mm

Packaging content

Cables included	SATA

Other features

Weight	382 g

Internal I/O

TPM connector	✔
12V power connector	✔
RGB LED pin header	✔
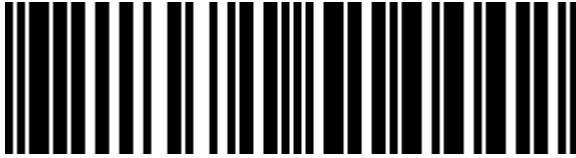
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