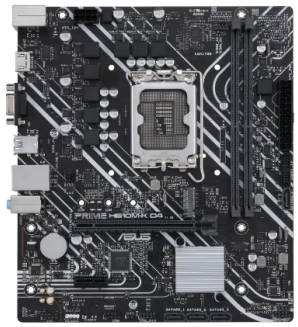
ASUS PRIME H610M-K D4 Intel H610 LGA 1700 micro ATX



Brand : ASUS

Product code: 90MB1A10-M0EAY0

Product name : PRIME H610M-K D4

- Intel® LGA 1700 socket: Ready for 12th Gen Intel® processors
- Comprehensive cooling: PCH heatsink and Fan Xpert
- Ultrafast connectivity: 32Gbps M.2 slot, Realtek 1 Gb Ethernet and USB 3.2 Gen 1 support
- 5X Protection III: Multiple hardware safeguards for all-round protection

Intel® H610 (LGA 1700) mic-ATX motherboard with DDR4, PCIe 4.0, M.2 slot, Realtek 1 Gb Ethernet, HDMI®, D-Sub, USB 3.2 Gen 1 ports, SATA 6 Gbps, COM header, RGB header
ASUS PRIME H610M-K D4. Processor manufacturer: Intel, Processor socket: LGA 1700, 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: M.2, SATA, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 5, 10. Ethernet interface type: Gigabit Ethernet. Component for: PC, Motherboard form factor: micro ATX, Motherboard chipset family: Intel

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®, Intel® Pentium® Gold
Maximum number of SMP processors	1

Memory	
Supported memory types *	DDR4-SDRAM
Number of memory slots *	2
Memory slots type	DIMM
Memory channels	Dual-channel
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
RAID levels	0, 1, 5, 10

Graphics	
Number of displays supported	2

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	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
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	2.1
Headphone outputs	1
Microphone in	✓

Network	
Ethernet LAN	✓
Ethernet interface type	Gigabit Ethernet
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 x16 (Gen 3.x) slots	1
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

Logistics data	
Harmonized System (HS) code	84733020

Weight & dimensions	
Width	234 mm
Depth	203 mm
Height	51 mm

Packaging content	
Cables included	SATA

Packaging content	
Drivers included	✓
Other features	
Weight	842 g

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