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

Brand : ASUS   **Product code:** 90MB1C80-M0EAY0

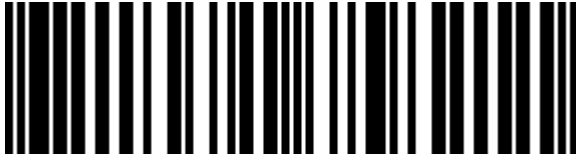**Product name :** PRIME H610M-A WIFI D4

- 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, WIFI 5 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

Intel® H610 (LGA 1700) mic-ATX motherboard with DDR4, PCIe 4.0, dual M.2 slots, Intel® 1 Gb Ethernet, WIFI 5, DisplayPort, HDMI®, D-Sub, USB 3.2 Gen 2 ports, SATA 6 Gbps, Addressable Gen 2 headers, and Arua Sync

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
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

Graphics

Number of displays supported	3

Internal I/O

USB 2.0 connectors *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
Number of SATA III connectors *	4
S/PDIF out connector	✔

Rear panel I/O ports

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
Headphone outputs	1
Microphone in	✔

Network

Ethernet LAN	✔
Ethernet interface type	Gigabit Ethernet
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Bluetooth	✔
Bluetooth version	5.0

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

Internal I/O

Front panel audio connector	✔
ATX Power connector (24-pin)	✔
CPU fan connector	✔
Number of chassis fan connectors	2
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

Expansion slots

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

Logistics data

Harmonized System (HS) code	84733020

Weight & dimensions

Width	244 mm
Depth	211 mm
Height	58 mm

Packaging content

Cables included	SATA
Drivers included	✔

Other features

Weight	815 g

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