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

Brand: ASUS Product code: 90MB19N0-M0EAY0

Product name : PRIME H610M-E D4

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

Intel® H610 (LGA 1700) mic-ATX motherboard with DDR4, PCle 4.0, dual M.2 slots, Realtek 1 Gb Ethernet, DisplayPort, HDMI®, D-Sub, USB 3.2 Gen 1 ports, SATA 6 Gbps, COM header, RGB header ASUS PRIME H610M-E 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. Ethernet interface type: Gigabit Ethernet. Component for: PC, Motherboard form factor: micro ATX, Motherboard chipset family: Intel







Processor		Rear panel I/O ports	
Processor manufacturer * Processor socket * Compatible processor series *	Intel LGA 1700 Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium®, Intel® Pentium® Gold	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * Ethernet LAN (RJ-45) ports * PS/2 ports quantity VGA (D-Sub) ports quantity * HDMI ports quantity *	2 1 2 1
Maximum number of SMP processors	1	HDMI version	2.1
Memory		DisplayPorts quantity DisplayPort version	1 1.4
Supported memory types * Number of memory slots * Memory slots type	DDR4-SDRAM 2 DIMM	Headphone outputs Microphone in	1
Memory channels	Dual-channel	Network	
Non-ECC	✓	Ethernet LAN	✓
Supported memory clock speeds	2133,2400,2666,2800,2933,3000,3200 MHz	Ethernet interface type Wi-Fi *	Gigabit Ethernet
Maximum internal memory * Unbuffered memory	64 GB ✓	Features	
Storage controllers		Motherboard chipset * Audio output channels *	Intel H610 7.1 channels
Supported storage drive types Supported storage drive interfaces	HDD & SSD * M.2, SATA	Component for * Motherboard form factor *	PC micro ATX
Graphics		Motherboard chipset family *	Intel
Number of displays supported	3	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Internal I/O		Expansion slots	
USB 2.0 connectors * USB 3.2 Gen 1 (3.1 Gen 1) connectors * Number of SATA III connectors *	2 1 4	PCI Express x1 (Gen 3.x) slots PCI Express x16 (Gen 4.x) slots Number of M.2 (M) slots	1 1 2
S/PDIF out connector	✓	BIOS	
Front panel audio connector ATX Power connector (24-pin) CPU fan connector Number of chassis fan connectors	√ √ √ 2	BIOS type * BIOS memory size	UEFI AMI 128 Mbit

Internal I/O		Logistics data	
EPS power connector (8-pin)	✓	Harmonized System (HS) code	84733020
Number of COM connectors	1	Weight & dimensions	
TPM connector 12V power connector RGB LED pin header	4	Width Depth	244 mm 211 mm
Rear panel I/O ports	•	Height Packaging content	51 mm
USB 2.0 ports quantity *	2	Cables included Drivers included	SATA ✓
		Other features	
		Weight	842 g





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