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

Brand : ASUS

Product code: 90MB1B40-M0ECY0

Product name : PRIME H610M-R D4

- Intel® LGA 1700 socket: Ready for 12th Gen Intel® processors

- Comprehensive cooling: PCH heatsink

- 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

mATX, Socket LGA 1700, Intel H610 Chipset, 2x DIMM DDR4, UEFI AMI BIOS

ASUS PRIME H610M-R 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, Intel Pentium G. Supported memory types: DDR4-SDRAM, Maximum internal memory: 64 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD. Maximum resolution: 3840 x 2160 pixels. USB connector type: USB Type-A





Processor

Processor		Rear panel I/O ports	
Processor manufacturer * Processor socket *	Intel LGA 1700 Intel® Celeron®, Intel® Core™ i3,	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * Ethernet LAN (RJ-45) ports *	2
Compatible processor series *	Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel Pentium G	PS/2 ports quantity VGA (D-Sub) ports quantity *	2
Supported processor sockets	LGA 1700	HDMI ports quantity *	1
Memory		HDMI version	2.1
Supported memory types * Number of memory slots * Memory slots type Memory channels	DDR4-SDRAM 2 DIMM Dual-channel	DVI-D ports quantity * Headphone outputs Microphone in USB connector type	1 3 ✓ USB Type-A
Non-ECC	1	Network	
Supported memory clock speeds	2133,2400,2666,2800,2933,3000,3200 MHz	Ethernet LAN	1
Maximum internal memory * Unbuffered memory	64 GB ✓	Ethernet interface type Wake-on-LAN ready	Gigabit Ethernet ✓
Chave as a section of the section of		Wi-Fi *	×
Storage controllers			
Supported storage drive types Supported storage drive interfaces Number of storage drives supported		Features Motherboard chipset * Audio output channels *	Intel H610 7.1 channels
Supported storage drive types Supported storage drive interfaces	* M.2, SATA III	Features Motherboard chipset * Audio output channels * Component for *	Intel H610 7.1 channels PC
Supported storage drive types Supported storage drive interfaces Number of storage drives supporte	* M.2, SATA III	Features Motherboard chipset * Audio output channels * Component for * Motherboard form factor * Motherboard chipset family *	Intel H610 7.1 channels
Supported storage drive types Supported storage drive interfaces Number of storage drives supporte Graphics Parallel processing technology	* M.2, SATA III d 5	Features Motherboard chipset * Audio output channels * Component for * Motherboard form factor * Motherboard chipset family * Windows operating systems	Intel H610 7.1 channels PC micro ATX
Supported storage drive types Supported storage drive interfaces Number of storage drives supporte Graphics Parallel processing technology support *	* M.2, SATA III d 5 Not supported	Features Motherboard chipset * Audio output channels * Component for * Motherboard form factor * Motherboard chipset family * Windows operating systems supported	Intel H610 7.1 channels PC micro ATX Intel
Supported storage drive types Supported storage drive interfaces Number of storage drives supporte Graphics Parallel processing technology support * Maximum resolution	* M.2, SATA III d 5 Not supported	Features Motherboard chipset * Audio output channels * Component for * Motherboard form factor * Motherboard chipset family * Windows operating systems supported Expansion slots	Intel H610 7.1 channels PC micro ATX Intel Windows 10 x64, Windows 11 x64
Supported storage drive types Supported storage drive interfaces Number of storage drives supported Graphics Parallel processing technology support * Maximum resolution Internal I/O USB 2.0 connectors * USB 3.2 Gen 1 (3.1 Gen 1) connectors *	* M.2, SATA III d 5 Not supported 3840 x 2160 pixels	Features Motherboard chipset * Audio output channels * Component for * Motherboard form factor * Motherboard chipset family * Windows operating systems supported Expansion slots PCI Express x1 (Gen 3.x) slots PCI Express x16 (Gen 4.x) slots	Intel H610 7.1 channels PC micro ATX Intel Windows 10 x64, Windows 11 x64
Supported storage drive types Supported storage drive interfaces Number of storage drives supported Graphics Parallel processing technology support * Maximum resolution Internal I/O USB 2.0 connectors * USB 3.2 Gen 1 (3.1 Gen 1) connectors * Number of SATA III connectors *	* M.2, SATA III d 5 Not supported 3840 x 2160 pixels 2	Features Motherboard chipset * Audio output channels * Component for * Motherboard form factor * Motherboard chipset family * Windows operating systems supported Expansion slots PCI Express x1 (Gen 3.x) slots PCI Express x16 (Gen 4.x) slots Number of M.2 (M) slots	Intel H610 7.1 channels PC micro ATX Intel Windows 10 x64, Windows 11 x64
Supported storage drive types Supported storage drive interfaces Number of storage drives supported Graphics Parallel processing technology support * Maximum resolution Internal I/O USB 2.0 connectors * USB 3.2 Gen 1 (3.1 Gen 1) connectors *	 * M.2, SATA III d 5 Not supported 3840 x 2160 pixels 2 1 	Features Motherboard chipset * Audio output channels * Component for * Motherboard form factor * Motherboard chipset family * Windows operating systems supported Expansion slots PCI Express x1 (Gen 3.x) slots PCI Express x16 (Gen 4.x) slots	Intel H610 7.1 channels PC micro ATX Intel Windows 10 x64, Windows 11 x64

I/O		BIOS	
an connector	√	Clear CMOS jumper	<
nber of chassis fan connectors	1	Logistics data	
assis intrusion connector mber of COM connectors	✓ 1	Harmonized System (HS) code	8473302
1 connector	✓	Weight & dimensions	
power connector	✓	Width	226 mm
ar panel I/O ports		Depth	193 mm
USB 2.0 ports quantity *	2	Height	51 mm
,		Packaging content	
		Cables included	SATA

Weight

Drivers included

Other features

1

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