

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

Internal I/O		Expansion slots	
USB 2.0 connectors *	2	PCI Express x1 (Gen 3.x) slots	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	PCI Express x16 (Gen 4.x) slots	1
Number of SATA III connectors *	4	Number of M.2 (M) slots	1
Audio connector	✓	BIOS	
Front panel audio connector	✓	BIOS type *	UEFI AMI
ATX Power connector (24-pin)	✓	BIOS memory size	128 Mbit
CPU fan connector	✓	Clear CMOS jumper	✓
Number of chassis fan connectors	1	Logistics data	
Chassis intrusion connector	✓	Harmonized System (HS) code	84733020
Number of COM connectors	1	Weight & dimensions	
TPM connector	✓	Width	226 mm
12V power connector	✓	Depth	193 mm
Rear panel I/O ports		Height	51 mm
USB 2.0 ports quantity *	2	Packaging content	
		Cables included	SATA
		Drivers included	✓
		Other features	
		Weight	842 g



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