## 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, PCIe 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 manufacturer * Intel Processor socket * IGA 1700 Intel® Celeron®, Intel® Core ": 6, Intel® Core ": 6, Intel® Core ": 6, Intel® Core ": 6, Intel® Core ": 6, Intel® Core ": 6, Intel® Core ": 6, Intel® Core ": 6, Intel® Core ": 6, Intel® Core ": 6, Intel® Core ": 6, Intel Monuerite Intel® Core ": 6, Intel® Core ": 6, Intel® Core ": 6, Intel® Core ": 6, Intel Monuerite Intel® Core ": 6, Intel® Co						
Processor socket*     LGA 1700     ports quantity**     2       Intel® Celeron®, Intel® Core" is, Intel® Core" is, Intel® Core" is, Intel® Core" is, Intel® Core "is, Intel® Core" is, Intel® Core "is, Intel® Core	Processor		Rear panel I/O ports			
Intere Cerem 19, Intere Corem 17, Intel® Corem 19, Intel® Corem 17, Intel® Corem 19, Intel® Corem 17, Intel® Corem 19, Intel® Pentium®, Intel® Pentium® GoldPS/2 ports quantity1Maximum number of SMP1Intel® Pentium®, GoldIntel® Pentium®, Intel® Corem 17, Intel® Corem 19, Intel® Corem 17, Intel® Corem 19, Intel® Corem	Processor manufacturer * Processor socket *		ports quantity *			
processors         intermediation         intermediation           Memory         DBR4-SDRAM         DBQ         DBQ         DBQ         DDQ	Compatible processor series * Maximum number of SMP	Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium®, Intel® Pentium® Gold	PS/2 ports quantity VGA (D-Sub) ports quantity * HDMI ports quantity *	2 1 1		
MemoryDisplayPort version1.4Supported memory types *DDR4-SDRAMHeadphone outputs1Number of memory slots *2Microphone in*Memory slots typeDIMMMicrophone in*Memory channelsDual-channelNetwork*ECC compatibilityNon-ECCEthernet LAN*Supported memory clock speeds2133,2400,2666,2800,2933,3000,2200Ethernet LAN*Maximum internal memory *64 GBFeaturesGigabit EthernetUnbuffered memory*Features*Storage controllersMDD & SSDMoterboard chipset *Intel H610Supported storage drive typesMDD & SSDMoterboard form factor *micro ATXSupported storage drive interfaces *M.2, SATAWindows operating systemsIntelNumber of displays supported3Windows operating systemsIntelVUSS 2.0 connectors *2PCSupportedVUSS 3.2 Gen 1 (3.1 Gen 1)1APCNumber of SATA III connectors *4Number of M.2 (M) slots1	processors	1				
Supported memory types*DDR4-SDRAMHeadphone outputs1Number of memory slots *2Microphone in*Memory slots typeDIMMicrophone in*Memory channelsDual-channelNetwork*ECC compatibilityNon-ECCEthernet LANGigabit Ethernet and there interface typeSupported memory clock speeds2133,2400,2666,2800,2933,3000,293Ethernet interface typeGigabit Ethernet and there interface typeMaximum internal memory64 GBMicrophone information of the interface typeSigabit Ethernet and the interface typeSupported storage drive typesHDD & SSDMicrophone information of the information of t	Memory			-		
Number of memory slots * Memory slots type2 DIMMMemory slots rype2 Memory slots type2 DIMMMemory slots rype2 Memory slots rype2 DIMM2 Memory slots rype2 Memory slots rype2 Memo	Supported memory types *	DDR4-SDRAM				
Memory chanelsDual-channelNetworkECC compatibilityNon-ECCEthernet LAN✓Supported memory clock speeds133,2400,2666,2800,2933,3000,204Ethernet interface typeGigabit EthernetMaximum internal memory*64 GBVi-Fi *XUnbufferd memory✓FeaturesXStorage controllersMDD & SSDMoterboard chipset *Intel H610Supported storage drive typesMDD & SSDMoterboard form factor *PCSupported storage drive interface *M2, SATAMoterboard form factor *micro ATXMumber of displays supported3Windows operating systems upportedIntelSupported storage file2Yindows operating systems upportedMicro Solotes *Micro Solotes *Number of displays supported2Expansion SolotesMicro Solotes *Nonescole systems upportedMicro Solotes *USB 2.0 connectors *2Component for Solotes1Solotes *USB 3.2 Gen 1 (3.1 Gen 1)1PCI Express x1 (Gen 3.x) slotes PCI Express x16 (Gen 4.x) slotes1Number of SATA III connectors *4Motersolotes *1	Number of memory slots *	-		1		
Non-ECC CompatibilityNon-ECC MHzEthernet LAN✓Supported memory clock speeds2133,2400,2666,2800,2933,3000,320 MHzEthernet LAN✓Maximum internal memory *64 GBEthernet interface type Wi-Fi *Gigabit EthernetUnbuffered memory64 GBFeaturesMotherboard chipset *Intel H610Supported storage drive typesHDD & SSDMulticouput channels *7.1 channelsSupported storage drive interfaces *M.2, SATAMotherboard form factor *Micro ATXGraphicsM.2, SATAMotherboard chipset family *IntelNumber of displays supported3Windows operating systems supportedWindows operating systems supportedWindows 11 x64USB 2.0 connectors *2Expansion slots1USB 3.2 Gen 1 (3.1 Gen 1) connectors *1PCI Express x1 (Gen 3.x) slots1Number of SATA III connectors *4Number of M.2 (M) slots2			Network			
Supported memory clock speeds 2133,2400,2666,2800,2933,3000,3200 MHz 64 GB Ethernet interface type Gigabit Ethernet Wi-Fi * * Component for the formation of t	•					
Maximum internal memory * 64 GB Features Features International Maximum internal memory * 64 GB Features Features Features Features Features Multiple of the second	Supported memory clock speeds	2133,2400,2666,2800,2933,3000,3200	Ethernet interface type	Gigabit Ethernet		
Storage controllersMotherboard chipset *Intel H610Supported storage drive typesHDD & SSDAudio output channels *7.1 channelsSupported storage drive interfaces *M.2, SATAComponent for *PCGraphicsMotherboard chipset family *micro ATXNumber of displays supported3Windows operating systems supportedWindows operating systems supportedWindows 10 x64, Windows 11 x64USB 2.0 connectors *2Expansion slotsPCI Express x1 (Gen 3.x) slots1USB 3.2 Gen 1 (3.1 Gen 1) connectors *1PCI Express x16 (Gen 4.x) slots1Number of SATA III connectors *4Number of M.2 (M) slots2	Maximum internal memory *	64 GB	Wi-Fi *			
Supported storage drive typesHDD & SSDAudio output channels *7.1 channelsSupported storage drive interfaces *M.2, SATAComponent for *PCGraphicsMotherboard form factor *micro ATXNumber of displays supported3Windows operating systems supportedWindows 10 x64, Windows 11 x64USB 2.0 connectors *2Expansion slots1USB 3.2 Gen 1 (3.1 Gen 1) connectors *1PCI Express x1 (Gen 3.x) slots1Number of SATA III connectors *4Number of M.2 (M) slots2	Unbuffered memory	1	Features			
Supported storage drive types     HDD & SSD     Component for *     PC       Supported storage drive interfaces *     M.2, SATA     Motherboard form factor *     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     Vindows 10 x64, Windows 11 x64       USB 2.0 connectors *     2     Expansion slots     1       USB 3.2 Gen 1 (3.1 Gen 1)     1     PCI Express x1 (Gen 3.x) slots     1       Vumber of SATA III connectors *     4     Number of M.2 (M) slots     2	Storage controllers		1			
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     Windows 20 x64, Windows 11 x64       USB 2.0 connectors *     2     Expansion slots     1       USB 3.2 Gen 1 (3.1 Gen 1) connectors *     1     PCI Express x1 (Gen 3.x) slots     1       Number of SATA III connectors *     4     Number of M.2 (M) slots     2	Supported storage drive types Supported storage drive interfaces		Component for *	PC		
Number of displays supported     3     Windows operating systems supported     Windows 10 x64, Windows 11 x64       Internal I/O     Expansion slots     Expansion slots       USB 2.0 connectors *     2     Expansion slots       USB 3.2 Gen 1 (3.1 Gen 1) connectors *     1     PCI Express x1 (Gen 3.x) slots     1       Number of SATA III connectors *     4     Number of M.2 (M) slots     2	Graphics					
Internal I/O     Expansion slots       USB 2.0 connectors *     2       USB 3.2 Gen 1 (3.1 Gen 1) connectors *     1       PCI Express x1 (Gen 3.x) slots     1       PCI Express x16 (Gen 4.x) slots     1       Number of SATA III connectors *     4	Number of displays supported	3				
USB 3.2 Gen 1 (3.1 Gen 1)     1       connectors *     1       Number of SATA III connectors *     4	Internal I/O		supported	Windows 10 x04, Windows 11 x04		
connectors *     PCI Express x16 (Gen 4.x) slots     1       Number of SATA III connectors *     4     Number of M.2 (M) slots     2	USB 2.0 connectors *	2	Expansion slots			
	USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1		-		
	Number of SATA III connectors * S/PDIF out connector	4 ✓	•	2		

rnal I/O		BIOS	
ront panel audio connector	1	BIOS type *	UEFI AMI
TX Power connector (24-pin)	1	BIOS memory size	128 Mbit
PU fan connector	1	Logistics data	
mber of chassis fan connectors	2	Harmonized System (HS) code	84733020
S power connector (8-pin)	<ul> <li>Image: A set of the set of the</li></ul>	Weight & dimensions	
ber of COM connectors	1	Width	244 mm
M connector	<ul> <li>Image: A set of the set of the</li></ul>	Depth	211 mm
power connector	<ul> <li>Image: A set of the set of the</li></ul>	Height	51 mm
LED pin header	✓	Packaging content	
ar panel I/O ports		Cables included	SATA
USB 2.0 ports quantity *	2	Drivers included	1
		Other features	
		Weight	842 g





4711081514787

0195553514781



195553514781

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.