ASUS PRIME H610M-K D4 ARGB Intel H610 LGA 1700 micro ATX

Brand : ASUS

Product code: 90MB1HN0-M0EAY0

Product name : PRIME H610M-K D4 ARGB

- Intel $\ensuremath{\mathbb{R}}$ LGA 1700 Socket: Ready for 14th, 13th and 12th Gen Intel $\ensuremath{\mathbb{R}}$ processors

- Ultrafast Connectivity: PCIe 4.0, 32Gbps M.2 slot, Realtek 1 Gb Ethernet and USB 5Gbps support

- Comprehensive Cooling: PCH heatsink and Fan Xpert

- Aura Sync RGB Lighting: Onboard Addressable Gen 2 headers for RGB LED strips, easily synced with Aura Sync-capable hardware

- Two-Way Al Noise Cancelation: Reduces background noise from the microphone and audio output for crystal-clear communication in games or video conferences

Intel H610 (LGA 1700) micro-ATX motherboard with DDR4, PCIe 4.0, M.2 slot, Realtek 1 Gb Ethernet, HDMI, USB 5Gbps, SATA 6 Gbps, Two-Way AI Noise Cancelation, Aura Sync





Processor manufacturer* Intel Intel® Celerone, Intel® Pentiume Gold, Intel® Celerone, Intel® Pentiume Gold, Intel® Celerone, Intel® Core [™] i3, Intel® Core [™] i5, Intel® Core [™] i7, Intel® Memory stores quantity in the interface if t	D		Internet I/O	
Processor socket* LGA 1700 Intel® Celeron®, intel® Pentium God, intel® Celeron®, intel® Pentium Compatible processor sockets LGA 1700 EVEN 100 USB 2.0 ports quantity * 4.4 cm Supported processor sockets LGA 1700 USB 2.0 ports quantity * 2 2 Supported processor sockets LGA 1700 Ethernet LAN (R):45) ports 1.4 cm 1.4 cm Supported memory types * DRA-SDRAM Microphone in 4 4 Number of memory slots * 2 Microphone in 4 4 Supported memory types * DUBA-SDRAM Microphone in 4 4 Non-ECC V Supported memory channels Value 5 4 5 Supported memory clock speed JO00.000.2933,2800.2666,2400.213 Hermet LAN ✓ 5	Processor		Internal I/O	
Intel® Celeron®, Intel® Pentium Gold, Intel® Core " i3, Intel® Core " i9 USB 2.0 ports quantity * 4 USB 2.0 ports quantity * 1 2 Supported processor sockets LGA 1700 Ethernet LAN (RJ-45) ports * 1 Memory 59/2 ports quantity * 1 1 Number of memory types * DDR4-SDRAM PS/2 ports quantity * 1 Number of memory types * DDR4-SDRAM Metwork * Supported memory types * DDR4-SDRAM Metwork * Memory channels DUal-chanel Ethernet LAN * Non-ECC 4 Gigabit Ethernet Sigabit Ethernet Supported memory clock speed (max) 3200,3000,2933,2800,2666,2400,2133 Wi-Fi * * Supported memory clock speed (max) 3200 MHz Metherboard chipset * Intel H610 Maximum internal memory * 64 GB Adio output channels * 7.1 channels Supported storage drive types HDD & SSD Motherboard form factor * micro ATX Supported storage drive types * HDD & SSD Motherboard form factor * micro ATX			12V power connector	✓
Goid, Intel® Core " i3, Intel © Core " i9 USB 2.0 ports quantity* 4 Supported processor sockets LGA 1700 USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity* 2 Supported processor sockets LGA 1700 Ethernet LAN (RJ-45) ports * 1 Supported memory types* DDR4-SDRAM HDMI ports quantity* 1 Number of memory types* DDR4-SDRAM Microphone in ~ Memory Sits type DIM Metwork ✓ Memory channels Dual-channel Ethernet LAN ✓ Supported memory clock speed 3200,3000,2933,2800,2666,2400,213 Kife * X Supported memory clock speed 3200,3000,2933,2800,2666,2400,213 Microphoard chipset * Intel H610 Supported memory clock speed 3200,3000,2933,2800,2666,2400,213 Microphoard chipset * Intel H610 Supported memory cloc	Processor socket *	LGA 1700	Rear panel I/O ports	
Compatible processor seriesCore ** is, intel@ Core ** i7, intel@USB 3.2 Gen 1 (3.1 Gen 1) Type-A pris quantity *2Supported processor socketsLA 1700Ethernet LAN (RJ-45) ports 41MemoryDDR4-SDRAMHDMI ports quantity *1Supported memory types *DDR4-SDRAMMicrophone in4Number of memory slots *2Microphone in√Memory channelsDuAl-channelEthernet LAN✓Non-ECC✓Gigabit EthernetSupported memory clock speed3200,3000,2933,2800,2666,2400,213Wi-Fi *Gigabit EthernetSupported memory Clock speed3200,3000,2933,2800,2666,2400,213Wi-Fi *Microphonels *Supported memory Clock speed4Microphonels *Microphonels *Supported memory Clock speed3200 MHzMicrophonels *Non-ECCMaximum internal memory *64 GBAAidio output channels *7.1 channelsMaximum internal memory *64 GBAMicrophonels *Nicro ATXSupported storage drive types *HDD & SSDMotherboard chipset family *IntelSupported storage drive interface *No.2 SATA IIIWindows operating systems *Windows 10 x64, Windows 11Supported storage drive interface *No.2 SATA IIIPol Express X1 (Gen 3.X) slots1Supported storage fire interface *No.2 SATA IIIPol Express X1 (Gen 3.X) slots1Supported storage fire interface *No.2 SATA IIIPol Express X1 (Gen 3.X) slots1Support interface *No.2 Supported			USB 2.0 ports quantity *	4
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Jumber of memory lopesDDR4-SDRAMHDM jorts quantity *1Supported memory slots *2Microphone in✓Memory slots typeDIMMNetwork✓Memory channelsDual-channelEthernet LAN✓Non-ECC✓Ethernet interface typeGigabit EthernetSupported memory clock speeds3200,3000,2933,2800,2666,2400,213Wi-Fi*✓Multz3200,3000,2933,2800,2666,2400,213Wi-Fi*✓Supported memory clock speeds3200,0002,2933,2800,2666,2400,213Wi-Fi*✓Maximu internal memory *64 GBMotherboard chipset *Intel H610Maximu internal memory *64 GBAudio output channels *7.1 channelsUnbuffered memory✓Component for *PCStorage controllersMD & SSDMotherboard form factor *micro ATXSupported storage drive typesHDD & SSDMotherboard form factor *micro ATXSupported storage drive typesMot supportedWindows operating systems supportedWindows 10 x64, Windows 11Support *Not supportedPC Express x1 (Gen 3.x) slots1Internal I/OVentor of x1/2 (W) slots1USB 2.0 connectors *1BIOSUSB 2.0 connectors *1USB 2.0 connectors *1Mumber of SATA III connectors *4SyPDIF out connectors *4Mumber of SATA III connectors *4SyPDIF out connectors *4Mumber of SATA III connectors *4SyPD	Supported processor sockets	LGA 1700		
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Number of memory slots * Memory lobs typeDIMNetworkMemory channelsDual-channelEthernet LAN✓Non-ECC✓Ethernet interface typeGigabit EthernetSupported memory clock speeds (max)3200,3000,2933,2800,2666,2400,213Wi-Fi *XSupported memory clock speeds (max)3200 MHzFeaturesXSupported memory clock speed (max)3200 MHzIntel H610XMaximum internal memory * Unbuffered memory64 GBAudio output channels *7.1 channelsMutherboard form factor * Supported storage drive typesHDD & SSDMotherboard chipset family *IntelSupported storage drive types supported storage drive interface * N2, SATA IIIWindows operating systems supportedWindows 11GraphicsNot supportedVinage of M2, Sistem S1Parallel processing technology support *Not supportedPC Express x1 (Gen 4.x) slots1Itermal I/OPCPCNumber of M2, Window slots1USB 3.2 Gen 1(3.1 Gen 1) SUPS 3.2 Gen 1(3.1 Gen 1)1PCI Express x16 (Gen 4.x) slots1Number of SATA III connectors * S/PDIF out connector4BIOS memory size128 MbitS/PDIF out connector4BIOS memory size128 Mbit	Supported memory types *	DDR4-SDRAM		-
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Non-ECC Image: Supported memory clock speeds 3200,3000,2933,2800,2666,2400,2133 Ethernet interface type Gigabit Ethernet Supported memory clock speeds 3200 MHz Features Intel H610 Maximum internal memory * 64 GB Audio output channels * 1.1 channels Unbuffered memory ✓ Component for * PC Storage controllers HDD & SSD Motherboard chipset family * Intel Supported storage drive types HDD & SSD Motherboard chipset family * Intel Supported storage drive interfaces * M.2, SATA III Windows operating systems supported Windows 10 x64, Windows 11 Supported storage drive interfaces * Not supported PC Express x1 (Gen 3.x) slots 1 Graphics PCI Express x1 (Gen 4.x) slots 2 Parallel processing technology support * 1 PCI Express x1 (Gen 4.x) slots 2 Number of SATA III connectors * 1 BIOS Number of M.2 (M) slots 1 S/PDIF out connector ✓ BIOS memory size 128 Mbit	Memory slots type	DIMM	Network	
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Supported memory for every size 3200 MHz Motherboard chipset * Intel H610 Maximum internal memory * 64 GB Audio output channels * 7.1 channels Unbuffered memory ✓ Component for * PC Storage controllers Motherboard form factor * micro ATX Supported storage drive types HDD & SSD Motherboard form factor * micro ATX Supported storage drive interfaces * M.2, SATA III Windows operating systems Windows 10 x64, Windows 11 Graphics Farallel processing technology Not supported Windows operating systems Windows 10 x64, Windows 11 Support * Not supported PC I Express x1 (Gen 3.x) slots 1 Internal I/O PC I Express x1 (Gen 4.x) slots 2 USB 2.0 connectors * 1 Number of M.2 (M) slots 1 VBB 2.0 connectors * 1 BIOS Number of M.2 (M) slots 1 VBB 3.2 Gen 1 (3.1 Gen 1) 1 BIOS type * UEFI AMI Number of SATA III connectors * 4 BIOS memory size 128 Mbit S/PDIF out connector ✓ Packaging data Packaging data	Supported memory clock speeds		Wi-Fi *	×
(max)Motion	Supported memory clock speed	3200 MHz	Features	
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connectors * I BIOS type * UEFI AMI Number of SATA III connectors * 4 BIOS memory size 128 Mbit S/PDIF out connector Image: Connector Connecto		-	BIOS	
Number of SATA III connectors * 4 BIOS memory size 128 Mbit S/PDIF out connector Image: Connector C	. ,	1	BIOS type *	UEFI AMI
Packaging data	Number of SATA III connectors *	4	BIOS memory size	128 Mbit
Audio connector	S/PDIF out connector	4	Packaging data	
De alue a a middle 270 million	Audio connector	1		270
Front panel audio connector 🗸 Package width 270 mm	Front panel audio connector	4	Package Width	270 mm

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)		Packaging data	
connector (24-pin)	1	Package depth	263 mm
ctor	1	Package height	51.5 mm
hassis fan connectors	1	Package weight	800 g
nector (8-pin)	1	Weight & dimensions	
inectors	1	Width	234 mm
	v	Depth	203 mm
		Packaging content	

Cables included



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