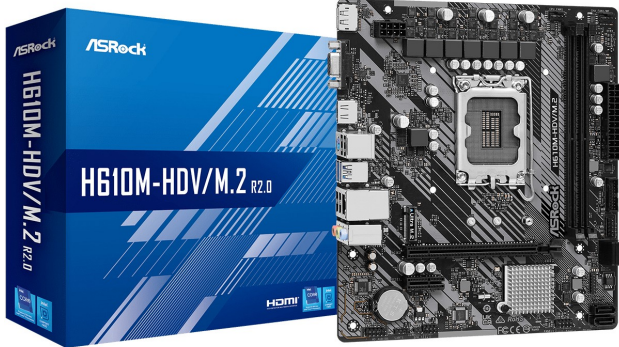


Asrock H610M-HDV/M.2 R2.0

Artikel	137909
Herstellernummer	90-MXBJH0-A0UAYZ
EAN	4710483939860
Asrock	



Digi Power

Unlike traditional motherboards that use analog power, this motherboard uses a next generation digital PWM (Pulse-Width Modulation) design, which provides CPU Vcore voltage more efficiently and smoothly, so that the stability and lifespan of the motherboard is greatly enhanced.

Ultra M.2 32Gb/s (PCIe Gen3 x4)

The PCIe Gen3 x4 Ultra M.2 interface pushes data transfer speeds up to 32Gb/s.

3 Graphics Outputs

Complete with all three types of most used connectors! Packed with a D-Sub + DisplayPort + HDMI combo.

HDMI 4k @60Hz

Supports the most recent HDMI 4K 60Hz graphics output specification. With the larger bandwidth and increased frame rate, the motion on your screen becomes more fluid and less blurry.

Premium Power Choke

Compared to traditional chokes, ASRock's premium power chokes effectively make the saturation current up to three times better, thus providing enhanced and improved Vcore voltage to the motherboard.

Sapphire Black PCB

Pure black PCB appearance. The new Sapphire Black PCB represents rock-solid quality and gives the motherboard a more mysterious touch.

High Density Glass Fabric PCB

High Density Glass Fabric PCB design that reduces the gaps between the PCB layers to protect the motherboard against electrical shorts caused by humidity.

Full Spike Protection

Some sensitive digital components on the motherboard are vulnerable to power surges, the excessive current may cause your system to malfunction immediately. ASRock Full Spike Protection includes various technologies to prevent your motherboard's components from being damaged by these unexpected voltage spikes.

Zusammenfassung

Digi Power

Unlike traditional motherboards that use analog power, this motherboard uses a next generation digital PWM (Pulse-Width Modulation) design, which provides CPU Vcore voltage more efficiently and smoothly, so that the stability and lifespan of the motherboard is greatly

enhanced.

Ultra M.2 32Gb/s (PCIe Gen3 x4)

The PCIe Gen3 x4 Ultra M.2 interface pushes data transfer speeds up to 32Gb/s.

3 Graphics Outputs

Complete with all three types of most used connectors! Packed with a D-Sub + DisplayPort + HDMI combo.

HDMI 4k @60Hz

Supports the most recent HDMI 4K 60Hz graphics output specification. With the larger bandwidth and increased frame rate, the motion on your screen becomes more fluid and less blurry.

Premium Power Choke

Compared to traditional chokes, ASRock's premium power chokes effectively make the saturation current up to three times better, thus providing enhanced and improved Vcore voltage to the motherboard.

Sapphire Black PCB

Pure black PCB appearance. The new Sapphire Black PCB represents rock-solid quality and gives the motherboard a more mysterious touch.

High Density Glass Fabric PCB

High Density Glass Fabric PCB design that reduces the gaps between the PCB layers to protect the motherboard against electrical shorts caused by humidity.

Full Spike Protection

Some sensitive digital components on the motherboard are vulnerable to power surges, the excessive current may cause your system to malfunction immediately. ASRock Full Spike Protection includes various technologies to prevent your motherboard's components from being damaged by these unexpected voltage spikes.

Asrock H610M-HDV/M.2 R2.0, Intel, LGA 1700, Intel® Celeron® G, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™..., LGA 1700, DDR4-SDRAM, 64 GB

Asrock H610M-HDV/M.2 R2.0. Processor manufacturer: Intel, Processor socket: LGA 1700, Compatible processor series: Intel® Celeron® G, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™.... Supported memory types: DDR4-SDRAM, Maximum internal memory: 64 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2. Graphics card family: Intel, Graphics card: Intel Iris Xe Graphics, Maximum resolution: 7680 x 4320 pixels. USB connector type: USB Type-A

Merkmale

Storage controllers

Supported storage drive interfaces	M.2
------------------------------------	-----

Weight & dimensions

Width	220 mm
Depth	193 mm

Expansion slots

PCI Express x1 (Gen 3.x) slots	1
PCI Express x16 (Gen 4.x) slots	1
Number of M.2 (M) slots	1

Packaging content

Graphics

Graphics card family	Intel
Graphics card	Intel Iris Xe Graphics
Maximum resolution	7680 x 4320 pixels
HDCP	Yes
Discrete graphics support	Yes

Network

Ethernet LAN	Yes
Ethernet interface type	Gigabit Ethernet
LAN controller	Realtek RTL8111H
Wake-on-LAN ready	Yes
Wi-Fi	No

Memory

Supported memory types	DDR4-SDRAM
Number of memory slots	2
Memory slots type	DIMM
Memory channels	Dual-channel

Cables included	SATA
Screws included	Yes
Drivers included	Yes

ECC compatibility	Non-ECC
Supported memory clock speed (max)	3200 MHz
Maximum internal memory	64 GB
Unbuffered memory	Yes

Technical details

Sustainability compliance	Yes
Sustainability certificates	ErP
Compliance certificates	CE, EuP, Federal Communications Commission (FCC)

BIOS

BIOS type	UEFI AMI
BIOS memory size	128 Mbit
ACPI version	6.0
System Management BIOS (SMBIOS) version	2.7

Processor

Processor manufacturer	Intel
Processor socket	LGA 1700
Compatible processor series	Intel® Celeron® G, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold
Supported processor sockets	LGA 1700

Features

Motherboard chipset	Intel H610
Audio chip	Realtek ALC897
Audio output channels	7.1 channels
Product colour	Black, Grey, Silver
PC health monitoring	CPU, Fan, Voltage, Water cooling
Component for	PC
Motherboard form factor	micro ATX
Motherboard chipset family	Intel
Windows operating systems supported	Windows 10 x64, Windows 11 x64

Internal I/O

USB 2.0 connectors	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors	2
Number of SATA III connectors	4
Front panel audio connector	Yes
ATX Power connector (24-pin)	Yes
CPU fan connector	Yes
Number of chassis fan connectors	1
Chassis intrusion connector	Yes
TPM connector	Yes
12V power connector	Yes

Rear panel I/O ports

USB 2.0 ports quantity	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	1
Ethernet LAN (RJ-45) ports	1
PS/2 ports quantity	1
VGA (D-Sub) ports quantity	1
HDMI ports quantity	1
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
Headphone outputs	1
Line-in	Yes
Microphone in	Yes
USB connector type	USB Type-A

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.