Asrock B550M-HDV

Artikel	252649
Herstellernummer	90-MXBDJ0-A0UAYZ
EAN	4710483931635
Asrock	

6 Power Phase Design
Featuring sturdy components and completely smooth power delivery to the CPU. Plus, it offers unmatched overclocking capabilities and enhanced performance with the lowest temperature for advanced gamers as well.

Premium 50A Power Choke
Compared to traditional chokes, ASRock's premium 50A power chokes effectively make the saturation current up to three times better, thus providing enhanced and improved Vcore voltage to the motherboard.

Hyper M.2 (PCIe Gen4 x4)
Supports the next generation PCI Express 4.0 M.2 SSDs, it is capable of perform twice the speed compared to previous 3rd generation, giving a lightning fast data transferring experience.

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.

3 Graphics Outputs
Complete with all three types of most used connectors! Packed with a D-Sub + DVI-D + HDMI combo. Plus the HDMI port supports 4K resolution.
*Supported only with processors with integrated graphics. Please check CPU support list from each motherboard webpage.

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.

Live Update & APP Shop
ASRock Live Update & APP Shop is designed for your convenience. We provide various apps and support software for users to download. You can also easily optimize your system and keep your motherboard up to date with ASRock Live Update & APP Shop.

Zusammenfassung

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Asrock B550M-HDV, AMD, Socket AM4, 3rd Generation AMD Ryzen™ 3, 3rd Generation AMD Ryzen 5, 3rd Generation AMD Ryzen™ 7, 3rd..., DDR4-SDRAM, 64 GB, DIMM

Asrock B550M-HDV. Processor manufacturer: AMD, Processor socket: Socket AM4, Compatible processor series: 3rd Generation AMD Ryzen™ 3, 3rd Generation AMD Ryzen 5, 3rd Generation AMD Ryzen™ 7, 3rd.... Supported memory types: DDR4-SDRAM, Maximum internal memory: 64 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III. Graphics card family: AMD, Graphics card: Radeon Vega. Ethernet interface type: Gigabit Ethernet, LAN controller: Realtek RTL8111H

Merkmale

BIOS

BIOS type	UEFI AMI

Logistics data

Harmonized System (HS) code	84733020

Other features

Weight	465 g

Packaging content

Drivers included	Y

Storage controllers

Supported storage drive interfaces	M.2, SATA III

Graphics

On-board graphics card	Y
Graphics card family	AMD
Graphics card	Radeon Vega
HDCP	Y
DirectX version	12.0

Network

Ethernet LAN	Y
Ethernet interface type	Gigabit Ethernet
LAN controller	Realtek RTL8111H
Wake-on-LAN ready	Y
Wi-Fi	N

Features

Motherboard chipset	AMD B550
Audio chip	Realtek ALC887
Audio output channels	7.1 channels
Component for	PC
Motherboard form factor	micro ATX
Motherboard chipset family	AMD

Weight & dimensions

Width	230 mm
Depth	201 mm
Height	70 mm

Processor

Processor manufacturer	AMD
Processor socket	Socket AM4
Compatible processor series	3rd Generation AMD Ryzen™ 3, 3rd Generation AMD Ryzen 5, 3rd Generation AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 9
Maximum number of SMP processors	1

Rear panel I/O ports

USB 2.0 ports quantity	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	4
Ethernet LAN (RJ-45) ports	1
PS/2 ports quantity	1
VGA (D-Sub) ports quantity	1
HDMI ports quantity	1
DVI-D ports quantity	1

Internal I/O

USB 2.0 connectors	4
USB 3.2 Gen 1 (3.1 Gen 1) connectors	2
Number of SATA III connectors	4
Front panel audio connector	Y
ATX Power connector (24-pin)	Y
CPU fan connector	Y
Number of chassis fan connectors	2
Peripheral (Molex) power connectors (4-pin)	1
TPM connector	Y

Memory

Supported memory types	DDR4-SDRAM
Number of memory slots	2
Memory slots type	DIMM
Memory channels	Dual-channel
ECC	Y
Non-ECC	Y
Supported memory clock speeds	2133,2400,2667,2933,3200,3466,3600,3733,3800,3866,4000,4133,4200,4266,4333,4400,4466,4533,4600,4666 MHz
Maximum internal memory	64 GB
Unbuffered memory	Y