

ASRock B550M-HDV DDR4 AMD Motherboard

Sale Price: 12000.0



PRODUCT ID: 00536

Basic Information

Supported CPU	Supports 3rd Gen AMD AM4 Ryzen / future AMD Ryzen Processors 6 Power Phase design
Chipset	AMD B550
BIOS	- 256Mb AMI UEFI Legal BIOS with GUI support - Supports "Plug and Play" - ACPI 5.1 compliance wake up events - Supports jumperfree - SMBIOS 2.3 support - CPU, CPU VDDCR_SOC, DRAM, VDDP Voltage Multi-adjustment
Form Factor	- Micro ATX Form Factor: 9.0-in x 7.9-in, 23.0 cm x 20.1 cm - Solid Capacitor design
Audio	7.1 CH HD Audio (Realtek ALC887 Audio Codec) - Supports Surge Protection

Expansion Slots

M.2 Socket	1 x Hyper M.2 Socket, supports M Key type 2242/2260/2280 M.2 SATA3 6.0 Gb/s module and M.2 PCI Express module up to Gen4x4 (64 Gb/s) (with Matisse) or Gen3x4 (32 Gb/s)
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Memory

Type	DDR4
Slots	AMD Ryzen series CPUs (Matisse) - 1 x PCI Express 4.0 x16 Slot (PCIe1: x16 mode) AMD Ryzen series APUs - 1 x PCI Express 3.0 x16 Slot (PCIe1: x16 mode) - 1 x PCI Express 3.0 x1 Slot

Basic Information

Supported Memory	- Dual Channel DDR4 Memory Technology - 2 x DDR4 DIMM Slots - AMD Ryzen series CPUs (Matisse) support DDR4 4600+(OC) / 4533(OC) / 4466(OC) / 4400(OC) / 4333(OC) / 4333(OC) / 4266(OC) / 4200(OC) / 4133(OC) / 4000(OC) / 3866(OC) / 3800(OC) / 3733(OC) / 3600(OC) / 3466(OC) / 3200 / 2933 / 2667 / 2400 / 2133 ECC & non-ECC, un-buffered memory - AMD Ryzen series APUs support DDR4 4733+(OC) / 4666(OC) / 4600(OC) / 4533(OC) / 4466(OC) / 4400(OC) / 4333(OC) / 4266(OC) / 4200(OC) / 4133(OC) / 4000(OC) / 3866(OC) / 3800(OC) / 3733(OC) / 3600(OC) / 3466(OC) / 3200 / 2933 / 2667 / 2400 / 2133 ECC & non-ECC, un-buffered memory
Maximum Memory	Max. capacity of system memory: 64GB

Graphics

Graphics	- Integrated AMD Radeon Vega Series Graphics in Ryzen Series APU* - DirectX 12, Pixel Shader 5.0 - Shared memory default 2GB. Max Shared memory supports up to 16GB.** - Three graphics output options: D-Sub, DVI-D and HDMI - Supports Triple Monitor - Supports HDMI 2.1 with max. resolution up to 4K x 2K (4096x2160) @ 60Hz - Supports DVI-D with max. resolution up to 1920x1200 @ 60Hz - Supports D-Sub with max. resolution up to 1920x1200 @ 60Hz - Supports Auto Lip Sync, Deep Color (12bpc), xvYCC and HBR (High Bit Rate Audio) with HDMI 2.1 Port (Compliant HDMI monitor is required) - Supports HDR (High Dynamic Range) with HDMI 2.1 - Supports HDCP 2.3 with DVI-D and HDMI 2.1 Ports - Supports 4K Ultra HD (UHD) playback with HDMI 2.1 Port - Supports Microsoft PlayReady
Max Shared Memory	64GB

Connector & Ports

HDMI	1 x HDMI Port
D-Sub (s)	1 x D-Sub Port
DVI-D (s)	1 x DVI-D Port
USB (s)	2 x USB 2.0 Ports (Supports ESD Protection) 4 x USB 3.2 Gen1 Ports (Supports ESD Protection)
LAN Port (s)	1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED)
Supported Storage	4 x SATA3 6.0 Gb/s Connectors, support RAID (RAID 0, RAID 1 and RAID 10), NCQ, AHCI and Hot Plug

Basic Information

Audio	7.1 CH HD Audio (Realtek ALC887 Audio Codec) Supports Surge Protection
Internal I/O Ports	- 1 x PS/2 Mouse/Keyboard Port - 1 x D-Sub Port - 1 x DVI-D Port - 1 x HDMI Port - 2 x USB 2.0 Ports (Supports ESD Protection) - 4 x USB 3.2 Gen1 Ports (Supports ESD Protection) - 1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED) - HD Audio Jacks: Line in / Front Speaker / Microphone - 1 x COM Port Header - 1 x Chassis Intrusion and Speaker Header - 1 x CPU Fan Connector (4-pin)* - 2 x Chassis Fan Connectors (4-pin) (Smart Fan Speed Control)** - 1 x 24 pin ATX Power Connector - 1 x 4 pin 12V Power Connector - 1 x Front Panel Audio Connector - 2 x USB 2.0 Headers (Support 4 USB 2.0 ports) (Supports ESD Protection) - 1 x USB 3.2 Gen1 Header (Supports 2 USB 3.2 Gen1 ports) (Supports ESD Protection)
TPM (Trusted Platform Module)	- 1 x SPI TPM Header

Others

Special Features	ASRock Super Alloy - Premium 50A Power Choke - Sapphire Black PCB - High Density Glass Fabric PCB ASRock Hyper M.2 (PCIe Gen4x4) ASRock Full Spike Protection (for all USB, Audio, LAN Ports) ASRock Live Update & APP Shop
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Warranty Information

Manufacturing Warranty	03 Years Warranty
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