

ASRock B450M-HDV R4.0 AMD Motherboard

Sale Price: 9000.0



PRODUCT ID: 00533

Basic Information

Supported CPU	- AMD AM4 Socket - Digi Power design - Supports CPU up to 105W
Chipset	- AMD Promontory B450
BIOS	- 128Mb AMI UEFI Legal BIOS with GUI support - SMBIOS 2.3 support
Form Factor	- Micro ATX Form Factor: 9.1-in x 8.1-in, 23.1 cm x 20.6 cm

Expansion Slots

PCI	AMD Ryzen series CPUs (Summit Ridge and Pinnacle Ridge) - 1 x PCI Express 3.0 x16 Slot (PCIe2: x16 mode)* AMD Ryzen series CPUs (Raven Ridge) - 1 x PCI Express 3.0 x16 Slot (PCIe2: x8 mode)* AMD Athlon series CPUs - 1 x PCI Express 3.0 x16 Slot (PCIe2: x4 mode)* - 1 x PCI Express 2.0 x1 Slot
M.2 Socket	- 1 x Screw for M.2 Socket - 1 x Ultra 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 Gen3 x4 (32 Gb/s) (with Summit Ridge, Raven Ridge and Pinnacle Ridge) or Gen3 x2 (16 Gb/s) (with Athlon 2xxGE series APU)*

Memory

Type	- Dual Channel DDR4 Memory Technology
Slots	- 2 x DDR4 DIMM Slots - 15μ Gold Contact in DIMM Slots

Basic Information

Supported Memory For Ryzen Series CPUs (Raven Ridge), ECC is only supported with PRO CPUs.

Graphics

Max Shared Memory - Max Shared memory supports up to 16GB
- The Max shared memory 16GB requires 32GB system memory installed.

Connector & Ports

HDMI - 1 x HDMI Port

D-Sub (s) - Supports D-Sub with max. resolution up to 2048x1536 @ 60Hz
- 1 x D-Sub Port

DVI-D (s) - Supports DVI-D with max. resolution up to 1920x1200 @ 60Hz
- 1 x DVI-D Port

USB (s) - 6 USB 3.1 Gen1 (2 Front, 4 Rear)
- 2 x USB 2.0 Headers (Support 4 USB 2.0 ports) (Supports ESD Protection)
- 1 x USB 3.1 Gen1 Header (Supports 2 USB 3.1 Gen1 ports) (Supports ESD Protection)
- 2 x USB 2.0 Ports (Supports ESD Protection)
- 4 x USB 3.1 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
- 1 x Ultra 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 Gen3 x4 (32 Gb/s) (with Summit Ridge, Raven Ridge and Pinnacle Ridge) or Gen3 x2 (16 Gb/s) (with Athlon 2xxGE series APU)

- Supports NVMe SSD as boot disks
- Supports ASRock U.2 Kit

Audio - 7.1 CH HD Audio (Realtek ALC887 Audio Codec)
- Supports Surge Protection
- ELNA Audio Caps

Basic Information

Internal I/O Ports	<ul style="list-style-type: none">- 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 3.1 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 (1 x 3-pin, 1 x 4-pin)**- 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 3.1 Gen1 Header (Supports 2 USB 3.1 Gen1 ports) (Supports ESD Protection)
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TPM (Trusted Platform Module)	1 x TPM Header
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Warranty Information

Manufacturing Warranty	03 Years warranty
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