

MB AM4 ASRock A520M-HVS 90-MXBE60-A0UAYZ

Šifra: 63146

Kategorija proizvoda: AMD MATIČNE PLOČE

Proizvođač: asrock

Cena: **7.210,00** rsd.



CPU

- Supports AMD AM4 Socket Ryzen™ 3000, 4000 G-Series and 5000 and 5000 G-Series Desktop Processors*
- 6 Power Phase design

*Not compatible with AMD Ryzen™ 5 3400G and Ryzen™ 3 3200G.

Chipset

- AMD A520

Memory

- Dual Channel DDR4 Memory Technology
- 2 x DDR4 DIMM Slots
- AMD Ryzen series CPUs (Vermeer) support DDR4 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*
- 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 (Cezanne) 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*
- AMD Ryzen series APUs (Renoir) 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*
- Max. capacity of system memory: 64GB**
- Supports Extreme Memory Profile (XMP) memory modules

BIOS

- 128Mb 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

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.**
- Dual graphics output: support D-Sub and HDMI ports by independent display controllers
- Supports HDMI 2.1 with max. resolution up to 4K x 2K (4096x2160) @ 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 HDMI 2.1 Port
- Supports 4K Ultra HD (UHD) playback with HDMI 2.1 Port
- Supports Microsoft® PlayReady

*Actual support may vary by CPU

**The Max shared memory 16GB requires 32GB system memory installed.

Audio

- 7.1 CH HD Audio
(Realtek ALC887/897
Audio Codec)
- Supports Surge
Protection

LAN

- PCIE x1 Gigabit LAN
10/100/1000 Mb/s
- Realtek RTL8111H
- Supports Wake-On-LAN
- Supports Lightning/ESD
Protection
- Supports Energy
Efficient Ethernet
802.3az
- Supports PXE

Slots

- 1 x PCI Express 3.0 x16
Slot (PCIE2: x16 mode)*
- 1 x PCI Express 3.0 x1
Slot

*Supports NVMe SSD as
boot disks

Storage

- CPU:
- 1 x Ultra M.2 Socket
(M2_1, Key M), supports
type 2242/2260/2280
SATA3 6.0 Gb/s & PCIe
Gen3x4 (32 Gb/s)
modes*
- Chipset:
- 4 x SATA3 6.0 Gb/s
Connectors

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

RAID

- Supports RAID 0, RAID
1 and RAID 10 for SATA
storage devices

Connector

- 1 x SPI TPM Header
- 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)

*The CPU Fan Connector

supports the CPU fan of

maximum 1A (12W) fan

power.

**The Chassis Fan

supports the water

cooler fan of maximum

1A (12W) fan power.

CHA_FAN2 can auto

detect if 3-pin or 4-pin

fan is in use.

Rear Panel I/O

- 1 x PS/2

Mouse/Keyboard Port

- 1 x D-Sub 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