

ASUS PRIME A520M-A - motherboard - micro ATX - Socket AM4 - AMD A520



23-05-2024

SKU	90MB14Z0-M0EAY0
Product Description:	ASUS PRIME A520M-A - motherboard - micro ATX - Socket AM4 - AMD A520
Product Type:	Motherboard - micro ATX
Chipset Type:	AMD A520
Processor Socket:	1 x Socket AM4
Compatible Processors:	Ryzen (supports 3rd Generation Ryzen / 3rd Generation Ryzen with Radeon Graphics)
Max RAM Size:	128 GB
RAM Supported:	4 DIMM slots - DDR4, non-ECC, ECC, unbuffered

General

Product Type:	Motherboard - micro ATX
Chipset Type:	AMD A520
Processor Socket:	Socket AM4
Max Processors Qty:	1
Compatible Processors:	Ryzen (supports 3rd Generation Ryzen / 3rd Generation Ryzen with Radeon Graphics)

Supported RAM

Max Size:	128 GB
Technology:	DDR4
Bus Clock:	2400 MHz, 2133 MHz, 2800 MHz, 3000 MHz, 2666 MHz, 3333 MHz (O.C.), 3466 MHz (O.C.), 3733 MHz (O.C.), 3600 MHz (O.C.), 3866 MHz (O.C.), 4000 MHz (O.C.), 4133 MHz (O.C.), 4400 MHz (O.C.), 4266 MHz (O.C.), 4600 MHz (O.C.), 4800 MHz (O.C.), 3200 MHz, 4466 MHz (O.C.)

Manufacturer Warranty

Service & Support:	Limited warranty - 3 years
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Miscellaneous

Included Accessories:	1 x M.2 screw, I/O back cover
Cables Included:	2 x Serial ATA cable
Software Included:	Drivers & Utilities, ASUS AI Charger, ASUS CPU-Z, ASUS AI Suite III, ASUS EZ Update, ASUS EZ Flash 3, DAEMON Tools, WinRAR, Norton AntiVirus (60 days trial)
Width:	24.4 cm
Depth:	24.4 cm

Features

BIOS Type:	AMI
BIOS Features:	UEFI BIOS, ASUS EZ Flash 3
Sleep / Wake Up:	Wake on LAN (WOL)

Supported RAM

Supported RAM Integrity Check:	Non-ECC, ECC
Registered or Buffered:	Unbuffered
Features:	Dual channel memory architecture

Audio

Type:	HD Audio (8-channel)
Audio Codec:	Realtek ALC887
Compliant Standards:	High Definition Audio

LAN

Network Controller:	Realtek RTL8111H
Network Interfaces:	Gigabit Ethernet

Features

Hardware Features:	Jack retasking, ASUS Q-Design, ASUS TurboV EVO, Q-DIMM, ASUS EZ DIY, Q-Slot, CrashFree BIOS 3, audio jack detect technology, ASUS EPU (Energy Processing Unit), ASUS DIGI+ VRM, Preboot eXecution Environment (PXE), ASUS Stainless Steel Back I/O, ASUS Fan Xpert 2+, LANGuard, ASUS Overvoltage Protection, Lighting Control, ASUS 5X Protection III, ASUS SafeSlot Core, Armoury Crate
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Expansion / Connectivity

Expansion Slots:	1 x CPU 4 x DIMM 288-pin 1 x PCIe 3.0 x16 2 x PCIe 3.0 x1
Storage Interfaces:	SATA-600 -connectors: 4 x 7pin Serial ATA - RAID 0 / RAID 1 / RAID 10 SATA-600 / PCIe 3.0 -connectors: 1 x M.2
Interfaces:	1 x VGA 1 x DVI-D 4 x USB 3.2 Gen 1 1 x HDMI 1 x audio line-out - mini-jack 1 x microphone - mini-jack 1 x audio line-in - mini-jack 1 x PS/2 keyboard / mouse 2 x USB 2.0 1 x LAN (Gigabit Ethernet)
Internal Interfaces:	4 x USB 2.0 - header 2 x USB 3.2 Gen 1 - header 1 x SPDIF out - header 1 x serial - header 1 x audio - header
Power Connectors:	24-pin main power connector, 8-pin ATX12V connector

