

ASUS PRIME A320M-K - motherboard - micro ATX - Socket AM4 - AMD A320



SKU	90MBOTV0-M0EAY0
Product Description:	ASUS PRIME A320M-K - motherboard - micro ATX - Socket AM4 - AMD A320
Product Type:	Motherboard - micro ATX
Chipset Type:	AMD A320
Processor Socket:	1 x Socket AM4
Compatible Processors:	Athlon, A series, Ryzen (supports 7th Generation A-series / Athlon)
Max RAM Size:	32 GB
RAM Supported:	2 DIMM slots - DDR4, non-ECC, ECC, unbuffered

General

Product Type:	Motherboard - micro ATX
Chipset Type:	AMD A320
Processor Socket:	Socket AM4
Max Processors Qty:	1
Compatible Processors:	Athlon, A series, Ryzen (supports 7th Generation A-series / Athlon)

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 AI Suite III
Compliant Standards:	Plug and Play
Width:	22.6 cm
Depth:	22.1 cm

Supported RAM

Max Size:	32 GB
Technology:	DDR4
Bus Clock:	2400 MHz, 2133 MHz, 2666 MHz, 2933 MHz (O.C.), 3200 MHz (O.C.)
Supported RAM Integrity Check:	Non-ECC, ECC
Registered or Buffered:	Unbuffered
Features:	Dual channel memory architecture

Features

BIOS Type:	AMI
BIOS Features:	WfM 2.0 support, Multilingual BIOS, ASUS Quiet Thermal Solution, UEFI BIOS, ASUS EZ Flash 3, SMBIOS 3.0 support, ACPI 6.1 support
Hardware Features:	ASUS Q-Design, ESD Guards, Q-DIMM, ASUS EZ DIY, Q-Slot, CrashFree BIOS 3, ASUS Fan Xpert, ASUS DIGI+ VRM, Fanless Design Heatsink, ASUS Stainless Steel Back I/O, LANGuard, ASUS Overvoltage Protection, Lighting Control, ASUS 5X Protection III, ASUS SafeSlot Core

Graphics

Max Allocated RAM Size:	2 GB
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Audio

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

LAN

Network Controller:	Realtek RTL8111H
Network Interfaces:	Gigabit Ethernet

Expansion / Connectivity

Expansion Slots:	1 x CPU ; 2 x DIMM 288-pin ; 1 x PCIe 3.0 x16 (x16 mode (with AMD Ryzen CPU); x8 mode (with AMD 7th Generation A-series/Athlon CPU)) ; 2 x PCIe 2.0 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 LAN (Gigabit Ethernet) ; 4 x USB 3.0 ; 1 x PS/2 keyboard ; 1 x audio line-in - mini-jack ; 1 x audio line-out - mini-jack ; 1 x microphone - mini-jack ; 1 x PS/2 mouse ; 1 x VGA ; 2 x USB 2.0 ; 1 x HDMI
Internal Interfaces:	4 x USB 2.0 - header ; 2 x USB 3.0 - header ; 1 x serial - header ; 1 x SPDIF out - header ; 1 x audio - header ; 1 x speaker - header
Power Connectors:	4-pin ATX12V connector, 24-pin main power connector

