

ASUS PRIME B450M-A/CSM - motherboard - micro ATX - Socket AM4 - AMD B450



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SKU	90MBOYRO-MOEAYC
Product Description:	ASUS PRIME B450M-A/CSM - motherboard - micro ATX - Socket AM4 - AMD B450
Product Type:	Motherboard - micro ATX
Chipset Type:	AMD B450
Processor Socket:	1 x Socket AM4
Compatible Processors:	Ryzen (supports 1st and 2nd Generation Ryzen / Ryzen with Radeon Vega Graphics)
Max RAM Size:	64 GB
RAM Supported:	4 DIMM slots - DDR4, non-ECC, ECC, unbuffered

General

Product Type:	Motherboard - micro ATX
Chipset Type:	AMD B450
Processor Socket:	Socket AM4
Max Processors Qty:	1
Compatible Processors:	Ryzen (supports 1st and 2nd Generation Ryzen / Ryzen with Radeon Vega Graphics)

Supported RAM

Max Size:	64 GB
Technology:	DDR4
Bus Clock:	2400 MHz, 2133 MHz, 2666 MHz, 2800 MHz (O.C.), 3000 MHz (O.C.), 3200 MHz (O.C.)
Supported RAM Integrity Check:	Non-ECC, ECC
Registered or Buffered:	Unbuffered
Features:	Dual channel memory architecture

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
Width:	24.4 cm
Depth:	24 cm

Features

BIOS Type:	AMI
BIOS Features:	Multilingual BIOS, ASUS Quiet Thermal Solution, UEFI BIOS, ASUS EZ Flash 3, ACPI 6.1 support, SMBIOS 3.1 support
Hardware Features:	ASUS Q-Design, Q-DIMM, ASUS EZ DIY, Q-Slot, CrashFree BIOS 3, ASUS DIGI+ VRM, Fanless Design Heatsink, ASUS Stainless Steel Back I/O, ASUS Fan Xpert 2+, LANGuard, ASUS Overvoltage Protection, ASUS 5X Protection III, ASUS SafeSlot Core, AMD StoreMI technology, NVMe Express RAID support, ASUS Aura Sync

Expansion / Connectivity

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 ; 4 x DIMM 288-pin ; 1 x PCIe 3.0 x16 (x16 mode (with 1st and 2nd Generation Ryzen CPU); x8 mode (with Ryzen with Radeon Vega Graphics)) ; 2 x PCIe 2.0 x1
Storage Interfaces:	SATA-600 -connectors: 6 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 3.1 Gen 1 ; 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 ; 1 x DVI-D ; 1 x HDMI ; 2 x USB 3.1 Gen 2
Internal Interfaces:	4 x USB 2.0 - header ; 2 x USB 3.1 Gen 1 - header ; 1 x serial - header ; 1 x SPDIF out - header ; 1 x audio - header ; 1 x speaker - header
Power Connectors:	24-pin main power connector, 8-pin ATX12V connector

