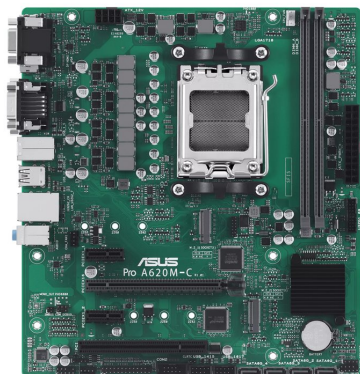


# ASUS Pro A620M-C-CSM - motherboard - micro ATX - Socket AM5 - AMD B650



26-09-2024

SKU	90MB1F80-M0EAYC
Product Description:	ASUS Pro A620M-C-CSM - motherboard - micro ATX - Socket AM5 - AMD B650
Product Type:	Motherboard - micro ATX
Chipset Type:	AMD B650
Processor Socket:	1 x Socket AM5
Compatible Processors:	Ryzen (supports Ryzen 7000 Series, Maximum TDP 120 Watt)
Max RAM Size:	96 GB
RAM Supported:	2 DIMM slots - DDR5, non-ECC, ECC, on-die ECC, unbuffered

## General

Product Type:	Motherboard - micro ATX
Chipset Type:	AMD B650
Processor Socket:	Socket AM5
Max Processors Qty:	1
Compatible Processors:	Ryzen (supports Ryzen 7000 Series, Maximum TDP 120 Watt)

## Supported RAM

Max Size:	96 GB
Technology:	DDR5
Bus Clock:	5400 MHz (O.C.), 5600 MHz (O.C.), 5800 MHz (O.C.), 6000 MHz (O.C.), 4800 MHz, 6200 MHz (O.C.), 6400 MHz (O.C.), 6600 MHz (O.C.), 7000 MHz (O.C.), 6800 MHz (O.C.), 7200 MHz (O.C.), 5200 MHz, 5000 MHz, 7600 MHz (O.C.), 7800 MHz (O.C.), 8000 MHz (O.C.)
Supported RAM Integrity Check:	Non-ECC, ECC, on-die ECC
Registered or Buffered:	Unbuffered

## Miscellaneous

Included Accessories:	IO shield, 2 x M.2 anchors, ACC Express Activation Key Card
Cables Included:	2 x Serial ATA cable
Software Included:	ASUS Control Center Express
Compliant Standards:	IC, FCC, RoHS
Width:	24.4 cm
Depth:	22.4 cm

## Features

BIOS Type:	AMI
BIOS Features:	UEFI BIOS
Sleep / Wake Up:	Wake on LAN (WOL), wake on PME

## Supported RAM

**Features:** Dual channel memory architecture, AMD EXPO technology

## Audio

**Type:** HD Audio (8-channel)

**Compliant Standards:** High Definition Audio

## LAN

**Network Interfaces:** Gigabit Ethernet

## Features

**Hardware Features:** Trusted Platform Module (TPM), ASUS Q-Design, ESD Guards, Q-DIMM, ASUS EZ DIY, Q-Slot, Preboot eXecution Environment (PXE), ASUS Stainless Steel Back I/O, overcurrent protection, LANGuard, overvoltage protection, Anti-Sulfur Design, ASUS Self Recovering BIOS, ASUS Event Log, ASUS Commercial BIOS kit, ASUS OptiMem II, Q-LED Core, anti-moisture coating

## Expansion / Connectivity

**Expansion Slots:** 1 x CPU ; 2 x DIMM 288-pin ; 1 x PCIe 4.0 x16 ; 2 x PCIe 3.0 x1 ; 1 x PCI ; 2 x M.2 socket (2242/2260/2280 M.2 Key M slot)

**Storage Interfaces:** SATA-600 -connectors: 4 x 7pin Serial ATA - RAID 0 / RAID 1 / RAID 10 ; PCIe 4.0 - connectors: 2 x M.2 - RAID 0 / RAID 1 / RAID 10

**Interfaces:** 1 x HDMI ; 1 x DisplayPort ; 1 x VGA ; 1 x DVI-D ; 1 x USB 3.2 Gen 2 ; 1 x USB-C 3.2 Gen 2 ; 1 x USB 3.2 Gen 1 ; 3 x USB 2.0 ; LAN (Gigabit Ethernet) ; 1 x PS/2 keyboard / mouse ; 1 x serial ; 1 x microphone - mini-jack ; 1 x audio line-out - mini-jack ; 1 x audio line-in - mini-jack

**Internal Interfaces:** 2 x USB 3.2 Gen 1 - header ; 4 x USB 2.0 - header ; 1 x audio - header ; 1 x speaker - header ; 1 x SPI - header ; 1 x serial - header

**Power Connectors:** 24-pin main power connector, 8-pin ATX12V connector

