

Datum: 19.04.2026

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**Asus MB Prime A620M-K, S.AM5,
2xDDR5-7200(OC), PCIe 4.0, G-LAN,
VGA/HDMI, mATX**



Kategorija: [Matične ploče](#)

Dobavljivost: **predviđena dostava 24.04.2026**

Šifra: **179280**

Cijena: 85,00€

(slika je simbolična)

Kratapak opis

- Ready for Advanced AI PC, designed for the future of AI computing, with the power and connectivity needed for demanding AI applications
- AM5 socket for AMD Ryzen Desktop Processors
- Stratix Connectivity: PCIe 4.0 40Gbps M.2 slot, Realtek 10Gb Ethernet, USB 3.2 Gen 1 Type-A
- Comprehensive Cooling: PCH heatsink and Fan Xpert
- Aura Sync RGB Lighting: Onboard Addressable Gen 2 headers and Aura Sync header for RGB LED strips, easily synced with Aura Sync capable hardware
- Two-Way AI Noise Cancellation: Reduces background noise from the microphone and audio input for crystal-clear communication in games or video conferences

Specifications

- Model: PRIME A620M-K
- CPU: AMD Socket AM5 for AMD Ryzen 9000 & 8000 & 7000 Series Desktop Processors
- Supports up to AMD 120W CPU
- Chipset: AMD A620 Chipset
- Memory: 2 x DIMM slots, Max. 96GB, DDR5
- 7200MHz (DDR5-7200) (OC), 6000MHz (DDR5-6000) (OC), 4800MHz (DDR5-4800) (OC), 4600MHz (DDR5-4600) (OC), 3600MHz (DDR5-3600) (OC), 3200MHz (DDR5-3200) (OC), 3000MHz (DDR5-3000) (OC), 2933MHz (DDR5-2933) (OC), 2667MHz (DDR5-2667) (OC), 2400MHz (DDR5-2400) (OC), 2133MHz (DDR5-2133) (OC)
- Dual Channel Memory Architecture: Supports AMD Extended Profiles for Overclocking (EPO)

Graphics

- 1 x VGA port
- 1 x HDMI port

Expansion Slots

- AMD Ryzen 9000 & 7000 Series Desktop Processors
- 1 x PCIe 4.0 x16 slot (supports x16 mode)
- AMD Ryzen 8000 Series Desktop Processors
- 1 x PCIe 4.0 x16 slot (supports x8/x4 mode)**
- AMD A620 Chipset
- 1 x PCIe 3.0 x1 slot

Storage

- Total supports 1 x M.2 slot and 4 x SATA 6Gb/s ports*
- AMD Ryzen 9000 & 8000 & 7000 Series Desktop Processors
- M.2 slot (Key M), type 2242/2261/2281 (supports PCIe 4.0 x4 mode)
- AMD A620 Chipset
- 4 x SATA 6Gb/s ports
- * AMD RAIDRescue2 Technology supports both PCIe RAID 0/1/10 and SATA RAID 0/1/10.

Ethernet

- 1 x Realtek 10Gb Ethernet

USB

- Rear USB (Total 6 ports)
- 4 x USB 3.2 Gen 1 (5G) ports (4 x Type-A)
- 1 x USB 2.0 ports (2 x Type-A)
- Front USB (Total 6 ports)**
- 1 x USB 3.2 Gen 1 (5G) header supports 2 additional USB 3.2 Gen 1 ports
- 2 x USB 2.0 headers support 4 additional USB 2.0 ports

Audio

- Realtek 7.1 Surround Sound High Definition Audio CODEC*
- Supports jack detection, Multi-streaming, Front Panel jack-retasking
- Supports up to 24-Bit/192 kHz playback

Audio Features

- Audio Shielding
- Premium audio capacitor
- Dedicated audio PCB layers
- * A headset with an HD audio module in the front panel is required to support 7.1 Surround Sound audio output.

Back Panel I/O Ports

- 4 x USB 3.2 Gen 1 (5G) ports (4 x Type-A)
- 2 x USB 2.0 ports (2 x Type-A)
- 1 x VGA port
- 1 x HDMI port
- 1 x Realtek 10Gb Ethernet port
- 3 x Audio jacks
- 1 x PCie Keyboard/Mouse combo port

Internal I/O Connectors

- Fan and Cooling Header
- 1 x 4-pin CPU Fan header
- 1 x 4-pin Chassis/Fan header

Power related

- 1 x 24-pin Main Power connector
- 1 x 8-pin +12V Power connector

Storage related

- 1 x M.2 slot (Key M)
- 4 x SATA 6Gb/s ports

USB

- 1 x USB 3.2 Gen 1 (5G) header supports 2 additional USB 3.2 Gen 1 ports
- 2 x USB 2.0 headers support 4 additional USB 2.0 ports

Microphones

- 2 x Addressable Gen 2 headers
- 1 x Aura RGB header
- 1 x Chassis CMOS header
- 1 x COM Port header
- 1 x Front Panel Audio header (AAFP)
- 1 x SPDIF Out header
- 1 x Speaker header
- 1 x 5P-TXN header (14-1pin)
- 1 x 10-1 pin System Panel header

Special Features

- ASUS AI PROTECTION III
- BIOS XMP
- LANGuard
- Overvoltage Protection
- SafeSlot Core
- StartUpBeep Back I/O

ASUS O-Design

- Q-DIMM
- Q-LED Core
- Q-Slot

ASUS Thermal Solution

- Aluminum heatsink design

Aura Sync

- Aura RGB header
- Addressable Gen 2 headers

Software Features

- ASUS Exclusive Software
- Armoury Crate
- Aura Creator
- Aura Sync
- Fan Xpert
- Flash Backlight
- Two-Way AI Noise Cancellation

AI Suite 3

- System BIOS
- BIOS XMP
- EC Cleaner

ASUS CPU-Z

- Norton 360 Deluxe (60 Days Free Trial)
- McAfee

UEFI BIOS

- ASUS EZ DIY
- ASUS CrashFree BIOS 3
- ASUS EZ Flash 3
- ASUS UEFI BIOS EZ Mode

BIOS

- 256 Mb. Flash ROM, UEFI AMI BIOS

Manageability

- WOL by PME, PXE

Accessories

- Cables: 2 x SATA 6Gb/s cables
- Miscellaneous
- 1 x Q-Bracket
- 1 x 3.5mm harddrive for M.2 SSD
- Documentation
- 1 x User guide

Operating System

- Windows 11, Windows 10 64-bit

Form Factor

- Micro-ATX Form Factor: 8.9 inch x 8.7 inch (22.6 cm x 22.1 cm)