

PRIME A320M-K

Especificaciones



CPU

AMD AM4 Socket AMD Ryzen™ 2nd Generation/Ryzen™ with Radeon™ Vega Graphics/Ryzen™ 1st Generation/7th Generation A-series/Athlon X4 Processors

Supports CPU up to 8 cores

* Refer to www.asus.com for CPU support list

Chipset

AMD A320

Memoria

AMD Ryzen™ 2nd Generation/ Ryzen™ with Radeon™ Vega Graphics/ Ryzen™ 1st Generation Processors

2 x DIMM, Max. 32GB, DDR4 3200(O.C.)/3000(O.C.)/2933(O.C.) /2800(O.C.)/2666/2400/2133 MHz Un-buffered Memory

AMD 7th Generation A-Series/Athlon X4 Processors

2 x DIMM, Max. 32GB, DDR4 2400/2133 MHz Un-buffered Memory
Dual Channel Memory Architecture

ECC Memory (ECC model) support varies by CPU.

* Hyper DIMM support is subject to the physical characteristics of individual CPUs.

* Refer to www.asus.com for the Memory QVL (Qualified Vendors Lists).

Gráficos

Integrated Graphics in the AMD Ryzen™ with Radeon™ Vega Graphics/

7th Generation A-Series APU

Multi-VGA output support : HDMI/RGB ports

- Supports HDMI 1.4b with max. resolution 4096 x 2160 @ 24 Hz /

2560 x 1600 @ 60 Hz

- Supports RGB with max. resolution 1920 x 1200 @ 60 Hz

Slots de Expansión

AMD Ryzen™ 2nd Generation/ Ryzen™ 1st Generation Processors

1 x PCIe 3.0/2.0 x16 (x16 or dual x8)

AMD Ryzen™ with Radeon™ Vega Graphics /7th Generation

A-Series/Athlon X4 Processors

1 x PCIe 3.0/2.0 x16 (x8 mode)

AMD A320 chipset

2 x PCIe 2.0 x1

Almacenamiento

AMD A320 chipset :

4 x SATA 6Gb/s port(s), gray,

Support Raid 0, 1, 10

AMD Ryzen™ 2nd Generation/ Ryzen™ with Radeon™ Vega Graphics/

Ryzen™ 1st Generation Processors :

1 x M.2 Socket 3, with M key, type 2242/2260/2280 storage devices support (SATA & PCIE 3.0 x 4 mode)

AMD 7th Generation A-series/Athlon™ Processors :

1 x M.2 Socket 3, with M key, type 2242/2260/2280 storage devices support (SATA mode)

LAN

Realtek® RTL8111H, 1 x Gigabit LAN Controller(s)

Audio

Realtek® ALC887 8-Channel High Definition Audio CODEC

Puertos USB

AMD Ryzen™ 2nd Generation/ Ryzen™ with Radeon™ Vega Graphics/ Ryzen™ 1st Generation/7th Generation A-Series/Athlon X4 Processors :

4 x USB 3.1 Gen 1 port(s) (4 at back panel, blue)

AMD A320 chipset :

2 x USB 3.0 port(s) (2 at mid-board)

AMD A320 chipset :

6 x USB 2.0 port(s) (2 at back panel, , 4 at mid-board)

Características Especiales

ASUS 5X Protection III :

- ASUS SafeSlot Core: Fortified PCIe Slot prevents damage
- ASUS LANGuard: Protects against LAN surges, lightning strikes and static-electricity discharges!
- ASUS Overvoltage Protection: World-class circuit-protecting power design
- ASUS Stainless-Steel Back I/O: 3X corrosion-resistance for greater durability!
- ASUS DIGI+ VRM: 6 Phase digital power design

ASUS Exclusive Features :

- AI Suite 3
- Ai Charger

ASUS Quiet Thermal Solution :

- Stylish Fanless Design Heat-sink solution
- ASUS Fan Xpert

ASUS EZ DIY :

- ASUS CrashFree BIOS 3
- ASUS EZ Flash 3
- ASUS UEFI BIOS EZ Mode
- Multi-language BIOS

ASUS Q-Design :

- ASUS Q-Slot
 - ASUS Q-DIMM
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Operating System Support

Windows® 10

Puertos I/O Traseros

- 1 x PS/2 keyboard (purple)
- 1 x PS/2 mouse (green)
- 1 x D-Sub

1 x HDMI
1 x LAN (RJ45) port(s)
4 x USB 3.1 Gen 1 (blue) ,
2 x USB 2.0
2 x Audio (Line In/Out)

Internal I/O

1 x USB 3.1 Gen 1(up to 5Gbps) connector(s) support(s) additional 2 USB 3.1 Gen 1 port(s) (19-pin)
2 x USB 2.0 connector(s) support(s) additional 4 USB 2.0 port(s)
1 x M.2 Socket 3 with M key, type 2242/2260/2280 storage devices support (SATA & PCIE 3.0 x 4 mode)
1 x COM port(s) connector(s)
4 x SATA 6Gb/s connector(s)
1 x CPU Fan connector(s) (1 x 4 -pin)
1 x Chassis Fan connector(s) (1 x 4 -pin)
1 x S/PDIF out header(s)
1 x 24-pin EATX Power connector(s)
1 x 4-pin ATX 12V Power connector(s)
1 x Front panel audio connector(s) (AAFP)
1 x System panel(s)
1 x Clear CMOS jumper(s)
1 x Speaker connector

Accessorios

User's manual
I/O Shield
2 x SATA 6Gb/s cable(s)
1 x M.2 Screw Package
1 x Supporting DVD

BIOS

128 Mb Flash ROM, UEFI AMI BIOS, PnP,WfM2.0, SM BIOS 3.0, ACPI 6.1, Multi-language BIOS, ASUS EZ Flash 3, ASUS CrashFree BIOS 3, My Favorites, Last Modified log, F12 PrintScreen, ASUS DRAM SPD (Serial Presence Detect) memory information, F6 Qfan Control

Sistema Operativo

Windows® 10 64-bit

Factor de forma

mATX Form Factor

8.9 inch x 8.7 inch (22.6 cm x 22.1 cm)