

# PRIME A520M-K

Especificaciones



---

## CPU

AMD AM4 Socket for AMD Ryzen™ 5000 Series/ 5000 G-Series/  
4000 G-Series/ 3000 Series Desktop Processors \*

\* Refer to [www.asus.com](http://www.asus.com) for CPU support list

---

## Chipset

AMD A520

---

## Memoria

2 x DIMM, Max. 64GB, DDR4 4866(O.C.)/4600(O.C.)/4466(O.C.)  
/4400(O.C.)/4333(O.C.)/4266(O.C.)/4200(O.C.)/4133(O.C.)  
/4000(O.C.)/3866(O.C.)/3733(O.C.)/3600(O.C.)/3466(O.C.)  
/3400(O.C.)/3333(O.C.)/3200/3000/2933/2800/2666/2400/2133  
MHz Un-buffered Memory \*

Dual Channel Memory Architecture

ECC Memory (ECC mode) support varies by CPU.

\* Refer to [www.asus.com](http://www.asus.com) for the Memory QVL (Qualified Vendors Lists), and memory frequency support depends on the CPU types.

---

## Gráficos

1 x D-Sub

1 x HDMI 2.1(4K@60HZ)

---

## Slots de Expansión

AMD Ryzen™ 5000 Series/ 5000 G-Series/ 4000 G-Series/ 3000  
Series Desktop Processors

1 x PCIe 3.0 x16 (x16 mode)

**AMD A520 Chipset**

2 x PCIe 3.0 x1

---

## Almacenamiento

**Total supports 1 x M.2 slot(s) and 4 x SATA 6Gb/s ports**

**AMD Ryzen™ 5000 Series/ 5000 G-Series/ 4000 G-Series/ 3000 Series Desktop Processors :**

1 x M.2 Socket 3, with M Key, Type 2242/2260/2280 (PCIe 3.0 x4 and SATA modes) storage devices support

**AMD A520 Chipset :**

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

Support Raid 0, 1, 10

---

## LAN

Realtek RTL8111H 1Gb Ethernet

ASUS LANGuard

---

## Audio

Realtek ALC887/897 7.1 Surround Sound High Definition Audio CODEC \*

- Supports : Jack-detection, Multi-streaming, Front Panel Jack-retasking, up to 24-Bit/192kHz playback

**Audio Feature :**

- Audio Shielding

- Dedicated audio PCB layers

\* Choose the chassis with HD audio module in front panel to support 8-channel audio output.

---

## Puertos USB

**Rear USB Port ( Total 6 )**

4 x USB 3.2 Gen 1 port(s)(4 x Type-A)

2 x USB 2.0 port(s)(2 x Type-A)

**Front USB Port ( Total 6 )**

2 x USB 3.2 Gen 1 port(s)(2 x Type-A)

4 x USB 2.0 port(s)(4 x Type-A)

---

## Software Features

ASUS Exclusive Software  
Armoury Crate  
AI Suite 3  
- Performance and Power Saving Utility  
TurboV EVO  
EPU  
Digi+ VRM  
Fan Xpert  
- EZ update  
ASUS CPU-Z  
AI Charger  
DAEMON Tools  
Norton Anti-virus software (Free Trial for 60 days)  
WinRAR  
UEFI BIOS  
ASUS EZ DIY  
- ASUS CrashFree BIOS 3  
- ASUS EZ Flash 3  
- ASUS UEFI BIOS EZ Mode

---

## ASUS Special Features

ASUS 5X PROTECTION III  
- ASUS DIGI+ VRM  
- ASUS LANGuard  
- ASUS Overvoltage Protection  
- ASUS SafeSlot Core  
- ASUS Stainless-Steel Back I/O  
ASUS Q-Design  
- ASUS Q-DIMM  
- ASUS Q-Slot  
ASUS Thermal Solution  
- Aluminum heatsink design

---

## Puertos I/O Traseros

1 x PS/2 keyboard/mouse combo port(s)  
1 x D-Sub  
1 x HDMI

1 x LAN (RJ45) port(s)  
4 x USB 3.2 Gen 1 (blue) Type-A  
2 x USB 2.0  
~ . . . . .

---

## Internal I/O

1 x CPU Fan connector(s)  
1 x Chassis Fan connector(s)  
1 x USB 3.2 Gen 1(up to 5Gbps) connector(s) support(s) additional 2 USB 3.2 Gen 1 port(s)  
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 SPI TPM header  
4 x SATA 6Gb/s connector(s)  
1 x S/PDIF out header(s)  
1 x 24-pin EATX Power connector(s)  
1 x 8-pin EATX 12V Power connectors  
1 x Front panel audio connector(s) (AAFP)  
1 x Clear CMOS jumper(s)  
1 x System panel connector  
1 x COM port header  
1 x Speaker connector

---

## Accesorios

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

---

## BIOS

256 Mb Flash ROM, UEFI AMI BIOS

---

## Capacidad de gestión

WOL by PME, PXE

---

## 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 )