# PRIME B450M-A II

Especificaciones



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|---|---|
| **CPU** | AMD AM4 Socket for AMD Ryzen™ 5000 Series/ 5000 G-Series/ 4000 G-Series/ 3rd/2nd/1st Gen AMD Ryzen™/ 2nd and 1st Gen AMD Ryzen™ with Radeon™ Vega Graphics/ Athlon™ with Radeon™ Vega Graphics Processors * <br><br> * Refer to www.asus.com for CPU support list |

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| **Chipset** | AMD B450 |

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| **Memoria** | **3rd/2nd/1st Gen AMD Ryzen™/ 2nd and 1st Gen AMD Ryzen™ with Radeon™ Vega Graphics/ Athlon™ with Radeon™ Vega Graphics Processors** <br> 4 x DIMM, Max. 128GB, DDR4 4400(O.C)/4000(O.C.)/3866(O.C.) /3733(O.C.)/3600(O.C.)/3466(O.C.)/3400(O.C.)/3300(O.C.) /3200(O.C.)/3000(O.C.)/2800(O.C.)/2666/2400/2133 MHz Un-buffered Memory * <br> Dual Channel Memory Architecture <br> ECC Memory (ECC mode) support varies by CPU. <br> * Refer to www.asus.com for the Memory QVL (Qualified Vendors Lists). <br> * The maximum memory frequency supported varies by processor. |

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| **Gráficos** | Integrated Graphics in the 2nd and 1st Gen AMD Ryzen™ with Radeon™ |

Vega Graphics/ Athlon™ with Radeon™ Vega Graphics Processors *

1 x D-Sub

1 x DVI-D

1 x HDMI 2.0b

| Slots de Expansión | **3rd/2nd/1st Gen AMD Ryzen™ Processors** |
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| | 1 x PCIe 3.0 x16 (x16 mode) |
| | **2nd and 1st Gen AMD Ryzen™ with Radeon™ Vega Graphics Processors** |
| | 1 x PCIe 3.0 x16 (x8 mode) |
| | **AMD Athlon™ with Radeon™ Vega Graphics Processors** |
| | 1 x PCIe 3.0 x16 (x4 mode) |
| | **AMD B450 chipset** |
| | 2 x PCIe 2.0 x1 |

| Almacenamiento | **Total supports 1 x M.2 slot(s) and 6 x SATA 6Gb/s ports** |
| --- | --- |
| | **3rd/2nd/1st Gen AMD Ryzen™/ 2nd and 1st Gen AMD Ryzen™ with Radeon™ Vega Graphics : [1]** |
| | 1 x M.2 Socket 3, with M key, type 2242/2260/2280/22110 storage devices support (SATA & PCIE 3.0 x 4 mode) |
| | **Athlon™ with Radeon™ Vega Graphics Processors : [1]** |
| | 1 x M.2 Socket 3, with M key, type 2242/2260/2280/22110 storage devices support (SATA mode) |
| | **3rd/2nd/1st Gen AMD Ryzen™/ 2nd and 1st Gen AMD Ryzen™ with Radeon™ Vega Graphics/ Athlon™ with Radeon™ Vega Graphics Processors :** |
| | 2 x SATA 6Gb/s port(s), |
| | Support Raid 0, 1, 10 |
| | **AMD B450 chipset :** |
| | 4 x SATA 6Gb/s port(s), |
| | Support Raid 0, 1, 10 |

## LAN

Realtek® RTL8111H

ASUS LANGuard

## Audio

Realtek ALC887/897 7.1-Channel High Definition Audio CODEC *

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

**Audio Feature :**

- LED-illuminated design

- Audio Shielding

- Dedicated audio PCB layers

- Premium Japanese audio capacitors

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

## Puertos USB

**Rear USB Port** ( Total 6  )

2 x USB 3.2 Gen 2 (up to 10Gbps) port(s)(2 x Type-A)

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

**Front USB Port** ( Total 6  )

2 x USB 3.2 Gen 1 port(s)

4 x USB 2.0 port(s)

## Software Features

ASUS Exclusive Software

Armoury Crate

- AURA Creator

- AURA Sync

AI Suite 3

- Performance and Power Saving Utility

TurboV EVO

EPU

DIGI+ VRM

Fan Xpert 2+

PC Cleaner

- EZ update

- System Information

ASUS CPU-Z

AI Charger

ASUS EZ Installer

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

ASUS EZ DIY

- BIOS FlashBack™ button

- BIOS FlashBack™ LED

AURA Sync

- AURA RGB header

ASUS Lighting Control

## Puertos I/O Traseros

1 x PS/2 keyboard/mouse combo port(s)

1 x DVI-D

1 x D-Sub

1 x HDMI

1 x LAN (RJ45) port(s)

2 x USB 3.2 Gen 2 (teal blue) (2 x Type-A)

4 x USB 3.2 Gen 1 (blue) Type-A

3 x Audio jack(s)

1 x BIOS FlashBack™ Button(s)

## Internal I/O

1 x CPU Fan connector(s) (1 x 4 -pin)

2 x Chassis Fan connector(s) (2 x 4 -pin)

1 x USB 3.2 Gen 1(up to 5Gbps) connector(s) support(s) additional 2
USB 3.2 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 2242/2260/2280/22110 storage
devices support (SATA & PCIE 3.0 x 4 mode)

1 x SPI TPM header

1 x COM port(s) connector(s)

6 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 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 COM port header

1 x Speaker connector

1 x RGB Header

## 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

256 Mb Flash ROM, UEFI AMI BIOS

| Sistema Operativo | Windows® 10 64-bit |
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| | Windows® 7 64-bit *2 |

| Factor de forma | mATX Form Factor |
| --- | --- |
| | 9.6 inch x 9.5 inch ( 24.4 cm x 24 cm ) |

| Nota | 1*The M.2 slot shares bandwidth with the SATA6G_5/6 ports, and therefore the SATA6G_5/6 ports cannot be used when an M.2 device is installed. |
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| | 2*To support Windows 7 64-bit, please install an AMD Ryzen™ 2nd Generation or Ryzen™ 1st Generation Processor. |