

PRIME B460M-A R2.0

Especificaciones



CPU

Intel® Socket LGA1200 for 11th Gen Intel® Core™ Processors & 10th Gen Intel® Core™, Pentium® Gold and Celeron® Processors
Supports Intel® 14 nm CPU
Supports Intel® Turbo Boost Technology 2.0 and Intel® Turbo Boost Max Technology 3.0**

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

** Intel® Turbo Boost Max Technology 3.0 support depends on the CPU types.

Chipset

H470

Memoria

Memory Channels: 4DDR4 (Dual channel)
Max Memory Size: 128GB
4 x DIMM, Max. 128GB, DDR4 2933/2800/2666/2400/2133 MHz Non-ECC, Un-buffered memory*
Dual Channel Memory Architecture
Supports Intel® Extreme Memory Profile (XMP)
OptiMem

* 10th Gen Intel® Core™ i7/i9 processors support 2933/2800/2666/2400/2133 natively, others will run at the maximum transfer rate of DDR4 2666MHz.

* 11th Gen Intel® processors support 2933/2800/2666/2400/2133 natively.

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

Lists), and memory frequency support depends on the CPU types.

Gráficos

1 x HDMI™ 2.0***

* Graphics specifications may vary between CPU types.

** Only Intel® 11th Gen processors support HDMI™ 2.0 with max. resolution of 4K@60Hz, others will only support HDMI™ 1.4 with max. resolution of 4K@30Hz .Please refer to www.intel.com for any updates.

Ranuras de expansión

Intel® 11th & 10th Gen Processors*

1 x PCIe 4.0/3.0 x16 slot

- Intel®11th Gen processors support PCIe 4.0 x16 mode

- Intel®10th Gen processors support PCIe 3.0 x16 mode

Intel® H470 Chipset

1 x PCIe 3.0 x16 slot (supports x4 mode)

2 x PCIe 3.0 x1 slots

Almacenamiento

Supports 1 x M.2 slot and 4 x SATA 6Gb/s ports

Intel® H470 Chipset

M.2 slot (Key M), type 2242/2260/2280 (supports PCIe 3.0 x4 & SATA modes)

4 x SATA 6Gb/s ports

Intel® Rapid Storage Technology supports Raid 0,1,5,10

Intel® Optane™ Memory Ready

Ethernet

1 x Intel® 1Gb Ethernet

USB

Rear USB:Total 6 ports

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

2 x USB 2.0 ports (2 x Type-A)

Front USB:Front USB Port (Total 6)

1 x USB 3.2 Gen 1 header supports additional 2 USB 3.2 Gen 1 ports

2 x USB 3.2 Gen 1 headers support additional 4 USB 3.2 Gen 1 ports

Audio

ALC887/897

Realtek ALC887/897 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

- LED-illuminated audio trace path design

- Premium Japanese audio capacitors

- Dedicated audio PCB layers

* A chassis with an HD audio module in the front panel is required to support 7.1 Surround Sound audio output.

Puertos E/S traseros

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

2 x USB 2.0 ports (2 x Type-A)

1 x DVI-D port

1 x HDMI port

1 x Intel® I219V 1Gb Ethernet

3 x Audio jacks

1 x PS/2 Keyboard/Mouse combo port

Puertos internos

Fan and cooling related

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 header supports additional 2 USB 3.2 Gen 1 ports

2 x USB 2.0 headers support additional 4 USB 2.0 ports

Miscellaneous

1 x Clear CMOS header

1 x Front Panel Audio header (AAFP)

1 x S/PDIF Out header

1 x SPI TPM header (14-1pin)

1 x 20-3 pin System Panel header with Chassis intrude function

Funciones especiales de ASUS ASUS 5X PROTECTION III

- DIGI+ VRM
- LANGuard
- Overvoltage Protection
- SafeSlot Core
- Stainless-Steel Back I/O

ASUS Q-Design

- ASUS Q-DIMM
- ASUS Q-Slot

Software

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

Norton Anti-virus software (Free Trial version)

DAEMON Tools

WinRAR

UEFI BIOS

ASUS EZ DIY

- ASUS CrashFree BIOS 3

- ASUS EZ Flash 3

- ASUS UEFI BIOS EZ Mode

BIOS

192 (128+64) Mb Flash ROM, UEFI AMI BIOS

Manejabilidad

WOL by PME, PXE

Accesorios

Cables

2 x SATA 6Gb/s cables

Miscellaneous

1 x I/O Shield

1 x M.2 SSD screw package

Installation Media

1 x Support DVD

Documentation

1 x User manual

Factor de forma

microATX

24.4cm x 24.4cm
