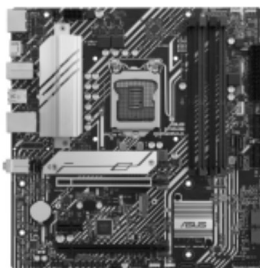


PRIME B560M-A

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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

B560

Memoria

Memory Channels: 4DDR4 (Dual channel)
Max Memory Size: 128GB
DDR4 5000(OC)/4800(OC)/4600(OC)/4400(OC)/4266(OC)
/4000(OC)/3733(OC)/3600(OC)/3466(OC)/3333(OC)/3200/2933
/2800/2666/2400/2133 MHz Non-ECC, Un-buffered Memory*

Dual Channel Memory Architecture

Supports Intel® Extreme Memory Profile (XMP)

OptiMem II

* 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 3200/2933/2800/2666
/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 DisplayPort 1.4**

* Graphics specifications may vary between CPU types.

** Intel® 11th & 10th Gen processors support DisplayPort 1.4 with max. resolution of 4096 x 2304 @60Hz. Please refer to www.intel.com for any updates.

*** 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(s)*

- Intel® 11th Gen processors support PCIe 4.0 x16

- Intel® 10th Gen processors support PCIe 3.0 x16

Intel® B560 Chipset

1 x PCIe 3.0 x16 slot (supports x4 mode)*

1 x PCIe 3.0 x1 slots

* Enable RST PCIe Storage Remapping for PCH attached PCIe slots to activate Intel® Optane Memory.

Almacenamiento

Supports 2 x M.2 slots and 6 x SATA 6Gb/s ports

Intel® 11th Gen Processors

M.2_1 slot (Key M), type 2242/2260/2280

- Only Intel® 11th Gen processors support PCIe 4.0 x4 mode, this slot will be disabled for other CPUs

Intel® B560 Chipset

M.2_2 slot (Key M), type 2242/2260/2280 (supports PCIe 3.0 x4 & SATA modes)*

6 x SATA 6Gb/s ports

* M.2_2 slot shares bandwidth with SATA_2. When M.2_2 slot is operating in SATA mode, SATA_2 will be disabled.

Ethernet

1 x Intel® 1Gb Ethernet

USB

Rear USB: Total 6 ports

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

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

Front USB: Total 7 ports

2 x USB 3.2 Gen 1 header(s) support(s) additional 4 USB 3.2 Gen 1 ports

1 x USB 2.0 header(s) support(s) additional 2 USB 2.0 ports

1 x USB 2.0 header(s) support(s) additional 1 USB 2.0 ports

Audio

ALC887/897

- Supports: Jack-detection, Multi-streaming, Front Panel Jack-retasking

- Supports up to 24-Bit/192 kHz playback"

Audio Features

- Audio Shielding

- 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

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

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

1 x DisplayPort

2 x HDMI™ port

1 x Intel® I219-V 1Gb Ethernet port

1 x V-M.2 slot (Key E)

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(s)

1 x 4-pin CPU OPT Fan header(s)

2 x 4-pin Chassis Fan header(s)

Power related

1 x 24-pin Main Power connector

1 x 8-pin +12V Power connector

Storage related

2 x M.2 slots (Key M)

6 x SATA 6Gb/s ports

USB

2 x USB 3.2 Gen 1 header(s) support(s) additional 4 USB 3.2 Gen1 ports

1 x USB 2.0 header(s) support(s) additional 2 USB 2.0 ports

1 x USB 2.0 header(s) support(s) additional 1 USB 2.0 ports

Miscellaneous

2 x AURA Addressable Gen 2 header(s)

2 x AURA RGB header(s)

1 x Clear CMOS header

1 x COM Port header

1 x Front Panel Audio header (AAFP)

1 x LPT header

1 x S/PDIF Out header

1 x SPI TPM header (14-1pin)

Funciones especiales de ASUS

ASUS 5X PROTECTION III

- DIGI+ VRM
- Enhanced DRAM Overcurrent Protection
- ESD Guards
- LANGuard
- Overvoltage Protection
- SafeSlot Core+
- Stainless-Steel Back I/O

ASUS Q-Design

- Q-DIMM
- Q-LED (CPU [red], DRAM [yellow], VGA [white], Boot Device [yellow green])
- Q-Slot

ASUS Thermal Solution

- Flexible M.2 heatsink

- VRM heatsink design

AURA Sync

- AURA RGB header(s)

- Addressable Gen 2 RGB header(s)

Software

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+

- EZ update

ASUS CPU-Z

AI Charger

DAEMON Tools

Norton Anti-virus software (Free Trial version)

WinRAR

UEFI BIOS

ASUS EZ DIY

- ASUS CrashFree BIOS 3

- ASUS EZ Flash 3

- ASUS UEFI BIOS EZ Mode

BIOS

128 Mb Flash ROM, UEFI AMI BIOS

Manejabilidad

WOL by PME, PXE

Accesorios

Cables

2 x SATA 6Gb/s cables

Miscellaneous

1 x M.2 Rubber Package(s)

1 x M.2 SSD screw package(s)

1 x Vertical M.2 Key E bracket set

Installation Media

1 x Support DVD

Documentation

1 x User manual

Factor de forma
