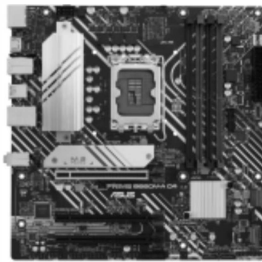


# PRIME B660M-A D4

Especificaciones



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## CPU

Intel® Socket LGA1700 for 12th Gen Intel® Core™, Pentium® Gold and Celeron® Processors\*  
Supports Intel® Turbo Boost Technology 2.0 and Intel® Turbo Boost Max Technology 3.0\*\*

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

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

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## Chipset

Intel® B660 Chipset

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## Memoria

Memory Channels: 4DDR4 (Dual channel)

Max Memory Size: 128GB

4 x DIMM, Max. 128GB, DDR4

5333(OC)/5000(OC)/4800(OC)/4600(OC)/4400(OC)/4266(OC)  
/4000(OC)/3733(OC)/3600(OC)/3466(OC)/3400(OC)/3333(OC)  
/3200/3000/2933/2800/2666/2400/2133 Non-ECC, Un-buffered  
Memory\*

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## Gráficos

1 x DisplayPort 1.4\*\*

1 x DisplayPort\*\*

2 x HDMI® ports\*\*\*

\* Graphics specifications may vary between CPU types. Please refer to

www.intel.com for any updates.

\*\* Supports max. 4K@60Hz as specified in DisplayPort 1.4.

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## Ranuras de expansión

### Intel® 12<sup>th</sup> Gen Processors

1 x PCIe 4.0/3.0 x16 slot

### Intel® B660 Chipset \*

1 x PCIe 3.0 x16 slot (supports x4 mode)

1 x PCIe 3.0 x16 slot (supports x1 mode)

\*Supports Intel® Optane Memory H Series on PCH-attached PCIe slot

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## Almacenamiento

### Total supports 2 x M.2 slots and 4x SATA 6Gb/s ports\*

### Intel® 12<sup>th</sup> Gen Processors

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

- Intel® 12<sup>th</sup> Gen processors support PCIe 4.0 x4 mode.

### Intel® B660 Chipset \*\*

M.2\_2 slot (Key M), type 2242/2260/2280 (supports PCIe 4.0 x4 mode)\*

4 x SATA 6Gb/s ports

\* Intel® Rapid Storage Technology supports SATA RAID 0/1/5/10.

\*\* Intel® Rapid Storage Technology supports Intel® Optane Memory H Series on PCH attached M.2 slots.

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## Ethernet

1 x Intel® 1Gb Ethernet

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## USB

Rear USB: Total 6 ports

### Rear USB (Total 6 ports)

2 x USB 3.2 Gen 2 ports (2 x Type-A)

4 x USB 2.0 ports (4 x Type-A)

### Front USB (Total 10 ports)

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

1 x USB 3.2 Gen 1 connector (supports USB Type-C®)

2 x USB 2.0 headers support additional 4 USB 2.0 ports

## Audio

Realtek 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
- Premium 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 ports (2 x Type-A )
- 4 x USB 2.0 ports (4 x Type-A)
- 1 x DisplayPort
- 2 x HDMI® ports
- 1 x Intel® 1Gb Ethernet port
- 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 CPU OPT Fan header
- 2 x 4-pin Chassis Fan headers

### 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)
- 4 x SATA 6Gb/s ports

### USB

- 2 x USB 3.2 Gen 1 headers support additional 4 USB 3.2 Gen 1 ports
- 1 x USB 3.2 Gen 1 connector (supports USB Type-C®)
- 2 x USB 2.0 headers support additional 4 USB 2.0 ports
- 1 x USB 2.0 header supports 1 USB 2.0 port

### **Miscellaneous**

3 x AURA Addressable Gen 2 headers

1 x AURA RGB header

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)

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

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## **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-Slot

### **ASUS Thermal Solution**

- M.2 heatsink
- VRM heatsink design

### **ASUS EZ DIY**

- ProCool

### **AURA Sync**

- AURA RGB header
  - Addressable Gen 2 RGB headers
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## **Software**

### **ASUS Exclusive Software**

Armoury Crate

- AURA Creator

- AURA Sync

- Fan Xpert 2+

AI Suite 3

- Performance And Power Saving Utility
- TurboV EVO
- EPU
- Digi+ VRM
- ASUS CPU-Z
- 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

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## **BIOS**

128 Mb Flash ROM, UEFI AMI BIOS

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## **Manejabilidad**

WOL by PME, PXE

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## **Accesorios**

### **Cables**

2 x SATA 6Gb/s cables

### **Miscellaneous**

1 x I/O Shield

1 x M.2 Rubber Package

1 x M.2 SSD screw package

### **Installation Media**

1 x Support DVD

### **Documentation**

1 x User manual

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## **Sistema operativo**

Windows® 11 64-bit

Windows® 10 64-bit

Windows® 11 64-bit, Windows® 10 64-bit

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**Factor de forma**

microATX

24.4cm x 24.4cm

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