



TUF GAMING B660M-PLUS WIFI D4

Descripción

Especificaciones

Noticias

Soporte



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 for CPU support list.

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

Chipset

Intel® B660 Chipset

Memoria

Memory Channels: 4DDR4 (Dual channel)
Max Memory Size: 128GB
4 x DIMM, Max. 128GB, DDR4
5333(OC)/5066(OC)/5000(OC)/4800(OC)/4600(OC)/4400(OC)/4266(OC)/4000(OC)/3866(OC)/3733(OC)/3600(OC)/3466(OC)/3400(OC)/3333(OC)/3200/3000/2933/2800/2666/2400/2133 Non-ECC, Un-buffered Memory*
Dual Channel Memory Architecture
Supports Intel® Extreme Memory Profile (XMP)
OptiMem II
*Actual memory data rate depends on the CPU types and DRAM modules, for more information refer to www.asus.com for memory support list.

Gráficos

1 x DisplayPort 1.4**
1 x HDMI® port***
1 x DisplayPort**
1 x HDMI® port***
*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.
***Supports 4K@60Hz as specified in HDMI 2.1.
****VGA port is not supported when DisplayPort 1.4 is used.

^^^ VGA resolution support depends on processors' resolution.

Ranuras de expansión

Intel® 12th Gen Processors

1 x PCIe 5.0 x16 slot

Intel® B660 Chipset*

1 x PCIe 3.0 x16 slot (supports x4 mode)

1 x PCIe 4.0 x1 slot

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

Almacenamiento

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

Intel® 12th Gen Processors

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

- Intel® 12th 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.

Ethernet

Realtek RTL8125B 2.5Gb Ethernet

TUF LANGuard

1 x Realtek 2.5Gb Ethernet

TUF LANGuard

Wireless y Bluetooth

Intel® Wi-Fi 6

2x2 Wi-Fi 6 (802.11 a/b/g/n/ac/ax)

Supports 2.4/5GHz frequency band

Bluetooth v5.2*

*Bluetooth v5.2 function will be ready in Windows 11 or later.

USB

Rear USB:Rear USB Port (Total 8)

Rear USB (Total 8 ports)

1 x USB 3.2 Gen 2x2 port (1 x USB Type-C®)

4 x USB 3.2 Gen 2 ports (4 x Type-A)

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

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

Front USB:Total 7 ports

Front USB (Total 7 ports)

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

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

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
 - Power pre-regulator reduces power input noise to ensure consistent performance
 - Rear optical S/PDIF out port
 - Premium audio capacitors
 - Dedicated audio PCB layers
-

Puertos E/S traseros

1 x USB 3.2 Gen 2x2 port (1 x USB Type-C®)

4 x USB 3.2 Gen 2 ports (4 x Type-A)

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

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

1 x DisplayPort

1 x HDMI® port

1 x Wi-Fi Module

1 x Realtek 2.5Gb Ethernet port

5 x Audio jacks

1 x Optical S/PDIF out port

Puertos internos

1 x Thunderbolt 4 header

Fan and Cooling related

1 x 4-pin CPU Fan header

1 x 4-pin CPU OPT Fan header

1 x 4-pin AIO Pump header

3 x 4-pin Chassis Fan headers

Power related

1 x 24-pin Main Power connector

1 x 8-pin +12V Power connector

1 x 4-pin +12V Power connector

Storage related

2 x M.2 slots (Key M)

4 x SATA 6Gb/s ports

USB

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

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

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

1 x Thunderbolt™ header

Funciones especiales de ASUS **ASUS TUF PROTECTION**

- DIGI+ VRM (- Digital power design with DrMOS)
- Enhanced DRAM Overcurrent Protection
- ESD Guards
- TUF LANGuard
- Overvoltage Protection
- SafeSlot
- Stainless-Steel Back I/O

ASUS Q-Design

- M.2 Q-Latch
- Q-DIMM
- Q-LED (CPU [red], DRAM [yellow], VGA [white], Boot Device [yellow green])
- Q-Slot

ASUS Thermal Solution

- Thermal Guard

- Flexible M.2 heatsink

- VRM heatsink design

ASUS EZ DIY

- CPU Socket lever protector

- ProCool

- Pre-mounted I/O shield

- SafeDIMM

AURA Sync

- AURA RGB header

- Addressable Gen 2 headers

Software

ASUS Exclusive Software

Armoury Crate

- AURA Creator

- AURA Sync

- Fan Xpert 2+

- Two-Way AI Noise Cancelation

AI Suite 3

- Performance And Power Saving Utility

TurboV EVO

EPU

DIGI+ VRM

THE GAMING CRUISE

TUF GAMING CPU-Z

DTS Audio Processing

MyASUS

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 ASUS Wi-Fi moving antennas

1 x ASUS USB-B USB 3.0

1 x M.2 Rubber Package

1 x M.2 SSD screw package

1 x TUF Gaming sticker

Installation Media

1 x Support DVD

Documentation

1 x TUF Certification card

1 x User guide

Sistema operativo

Windows® 11 64-bit

Windows® 10 64-bit

Factor de forma

microATX

24.4cm x 24.4cm