

TUF GAMING B550M-PLUS (WI-FI)

Especificaciones



CPU

AMD AM4 Socket for AMD Ryzen™ 5000 Series/ 5000 G-Series/
4000 G-Series/ 3000 Series Desktop Processors *

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

Chipset

AMD B550

Memoria

4 x DIMM, Max. 128GB, DDR4 4866(O.C.)/4800(O.C.)/4600(O.C.)
/4466(O.C.)/4400(O.C.)/4333(O.C.)/4266(O.C.)/4200(O.C.)/4133(O.C.)
/4000(O.C.)/3866(O.C.)/3733(O.C.)/3600(O.C.)/3466(O.C.)
/3400(O.C.)/3333(O.C.)/3200/3000/2933/2800/2666/2400/2133
MHz Un-buffered Memory *

Dual Channel Memory Architecture

ECC Memory (ECC mode) support varies by CPU.

* 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 1.2

1 x HDMI 2.1(4K@60HZ)

*Graphics specifications may vary between CPU types.

Soporte Multi GPU

Supports AMD 2-Way CrossFireX Technology

Slots de Expansión

AMD Ryzen™ 5000 Series/ 3000 Series Desktop Processors

1 x PCIe 4.0 x16 (x16 mode)

AMD Ryzen™ 5000 G-Series/ 4000 G-Series Desktop Processors

1 x PCIe 3.0 x16 (x16 mode)

AMD B550 Chipset

1 x PCIe 3.0 x16 (x4 mode) *1

1 x PCIe 3.0 x1 *1

* Support PCIe bifurcation for RAID on CPU function.

Almacenamiento

Total supports 2 x M.2 slot(s) and 4 x SATA 6Gb/s ports

AMD Ryzen™ 5000 Series/ 3000 Series Desktop Processors :

1 x M.2_1 socket 3, with M Key, Type 2242/2260/2280 (PCIe 4.0 x4 and SATA modes) storage devices support

AMD Ryzen™ 5000 G-Series/ 4000 G-Series Desktop Processors :

1 x M.2_1 socket 3, with M Key, Type 2242/2260/2280 (PCIe 3.0 x4 and SATA modes) storage devices support

AMD B550 Chipset :

1 x M.2_2 socket 3, with M Key, Type 2242/2260/2280/22110(PCIe 3.0 x4 and SATA modes) storage devices support

4 x SATA 6Gb/s port(s),

Support Raid 0, 1, 10

LAN

Realtek RTL8125B 2.5Gb Ethernet

TUF LANGuard

Datos de redes inalámbricas

Intel® Wi-Fi 6 AX200

2x2 Wi-Fi 6 (802.11 a/b/g/n/ac/ax) support 1024QAM/OFDMA/MU-MIMO

Supports up to 2.4Gbps max data rate

Supports dual band frequency 2.4/5 GHz

Supports channel bandwidth: HT20/HT40/HT80/HT160

Bluetooth

Bluetooth v5.1*

*BT 5.1 function will be ready in Windows 10 build 19041 or later.

Audio

Realtek ALC S1200A 7.1 Surround Sound High Definition Audio CODEC

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

Audio Feature :

- Exclusive DTS Custom for GAMING Headsets.
 - Optical S/PDIF out port(s) at back panel
 - Audio cover
 - Audio Shielding
 - Dedicated audio PCB layers
 - Premium Japanese audio capacitors
-

Puertos USB

Rear USB Port (Total 8)

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

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

2 x USB 2.0 port(s)(2 x Type-A)

Front USB Port (Total 6)

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

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

Software Features

ASUS Exclusive Software

Armoury Crate

- Aura Creator
- Aura Sync
- AI Noise Cancelling Microphone

AI Suite 3

- Performance And Power Saving Utility

TurboV EVO

EPU

Digi+ VRM

Fan Xpert 2+

- EZ update

TUF GAMING CPU-Z

AI Charger

ASUS Turbo LAN

DAEMON Tools

DTS Custom for GAMING Headsets

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 TUF PROTECTION

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

ASUS Q-Design

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

ASUS Thermal Solution

- Aluminum M.2 heatsink

ASUS EZ DIY

- BIOS FlashBack™ button
- BIOS FlashBack™ LED
- Procool

AURA Sync

- Standard RGB headers
- Addressable Gen 2 RGB header

Puertos I/O Traseros

- 1 x PS/2 keyboard/mouse combo port(s)
- 1 x DisplayPort
- 1 x HDMI
- 1 x LAN (2.5G) port(s)
- 2 x USB 3.2 Gen 2 (teal blue) (1 x Type-A+1 x USB Type-C®)
- 2 x USB 2.0
- 4 x USB 3.2 Gen 1 (blue) (one port can be switched to USB BIOS FlashBack™)
- 1 x Optical S/PDIF out
- 5 x Audio jack(s)
- 1 x BIOS FlashBack™ Button(s)
- 1 x ASUS Wi-Fi Module

Internal I/O

1 x CPU Fan connector(s)
1 x CPU OPT Fan connector(s)
2 x Chassis Fan connector(s)
2 x Aura RGB Strip Headers
1 x Addressable Gen 2 header(s)
1 x USB 3.2 Gen 1(up to 5Gbps) connector(s) support(s) additional 2 USB 3.2 Gen 1 port(s)
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 storage devices support (SATA mode & X4 PCIE mode)
1 x M.2 Socket 3 with M Key, type 2242/2260/2280/22110 storage devices support (SATA mode & X4 PCIE mode)
1 x SPI TPM header
4 x SATA 6Gb/s connector(s)
1 x 24-pin EATX Power connector(s)
1 x 8-pin EATX 12V Power connectors
1 x Front panel audio connector(s) (AAFP)
1 x Clear CMOS jumper(s)
1 x System panel connector
1 x COM port header
1 x Speaker connector

Accessorios

User's manual
I/O Shield
2 x SATA 6Gb/s cable(s)
1 x Supporting DVD
1 x TUF Gaming Sticker
1 x TUF Certification card(s)
1 x Wi-Fi moving antenna
1 x M.2 SSD screw package(s)
1 x M.2 Rubber Package(s)

BIOS

256 Mb Flash ROM, UEFI AMI BIOS

Capacidad de gestión WOL by PXE

Sistema Operativo Windows® 10 64-bit

Factor de forma mATX Form Factor
9.6 inch x 9.6 inch (24.4 cm x 24.4 cm)

Nota *1 PCIEX16_2 will run x2 mode when PCIEX1 is used.
