

## CPU

Build in AMD for AMD Ryzen™ 5000 Series/ 4000 G-Series/ 3000 Series Desktop Processors \*

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

## Chipset

AMD B550

## Memoria

AMD Ryzen™ 5000 Series/ 3000 Series Desktop Processors

4 x DIMM, Max. 128GB, DDR4

4600(O.C.)/4400(O.C.)/4266(O.C.)/4133(O.C.)/4000(O.C.)/3866(O.C.)/3733(O.C.)/3600(O.C.)/3466(O.C.)/3333(O.C.)/3200/3000/2800/2666/2400/2133 MHz Un-buffered Memory \*

AMD Ryzen™ 4000 G-Series Processors

4 x DIMM, Max. 128GB, DDR4

4800(O.C.)/4600(O.C.)/4466(O.C.)/4400(O.C.)/4266(O.C.)/4133(O.C.)/4000(O.C.)/3866(O.C.)/3733(O.C.)/3600(O.C.)/3466(O.C.)/3333(O.C.)/3200/3000/2800/2666/2400/2133 MHz Un-buffered Memory

Dual Channel Memory Architecture

ECC Memory (ECC mode) support varies by CPU.

\* Refer to [www.asus.com](http://www.asus.com) for the Memory QVL (Qualified Vendors Lists).

## Gráfica

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

## Puertos de Expansión

AMD Ryzen™ 5000 Series/ 3000 Series Desktop Processors

1 x PCIe 4.0 x16 (x16 mode)

AMD Ryzen™ 4000 G-Series Processor

1 x PCIe 3.0 x16 (x16 mode)

AMD B550 Chipset

1 x PCIe 3.0 x16 (x4 mode)

3 x PCIe 3.0 x1

\* Support PCIe bifurcation for RAID on CPU function.

Almacenamiento

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

AMD Ryzen™ 5000 Series/ 3000 Series Desktop Processors :

1 x M.2 Socket 3, with M key, type 2242/2260/2280/22110 storage devices support(SATA & PCIe 4.0 x4 mode)

AMD Ryzen™ 4000 G-Series Processors :

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

AMD B550 Chipset :

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

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

Support Raid 0, 1, 10

LAN

Realtek RTL8125B 2.5Gb Ethernet

TUF LANGuard

Wireless Data Network

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

Supports PCIe interface

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
- Unique de-pop circuit

#### Puertos USB

##### Rear USB Port ( Total 8 )

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

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

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

##### Front USB Port ( Total 6 )

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

4 x USB 2.0 port(s)(4x 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 4

- 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 posteriores I/O

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+1x USB Type-C®)

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

2 x USB 2.0 (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)

3 x Chassis Fan connector(s)

1 x AIO\_PUMP connector

2 x Aura RGB Strip Headers

2 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 2242/2260/2280/22110 storage devices support(SATA & PCIe 4.0 x4 mode)

1 x M.2 Socket 3 with M key, type 2242/2260/2280/22110 storage devices support (SATA & PCIe 3.0 x 4 mode)

1 x SPI TPM header

6 x SATA 6Gb/s connector(s)

1 x Thunderbolt header(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 Thermal sensor connector(s)  
1 x Clear CMOS jumper(s)  
1 x System panel connector  
1 x COM port header

Accesorios

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 Antenna(s)

1 x M.2 SSD screw package(s)

1 x M.2 Rubber Package(s)

BIOS

256 Mb Flash ROM, UEFI AMI BIOS

Manejo

WOL by PXE

Sistema operativo

Windows® 10 64-bit

Form Factor

ATX Form Factor

12 inch x 9.6 inch ( 30.5 cm x 24.4 cm )

Nota

\*1 PCIE 3.0 X16\_2 runs x1 mode when any of the PCIe 3.0 x1 slots is occupied.

\*2 M2\_2 shares bandwidth with SATA6G\_56. When M.2\_2 is populated, SATA6G\_56 will be disabled.