

ROG STRIX B550-F GAMING

CPU AMD AM4 Socket for 3rd Gen AMD Ryzen™ and 3rd Gen AMD Ryzen™ with Radeon™ Graphics Processors

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

Chipset AMD B550

Memoria **3rd Gen AMD Ryzen™ Processors**

4 x DIMM, Max. 128GB, DDR4

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

3rd Gen AMD Ryzen™ with Radeon™ Graphics Processors

4 x DIMM, Max. 128GB, DDR4

5100(O.C.)/4800(O.C.)/4600(O.C.)/4400(O.C.)/4133(O.C.)/4000(O.C.)/3866(O.C.)/3600(O.C.)/3466(O.C.)/3200/3000/2800/2666/2400/2133 MHz Un-buffered Memory

Dual Channel Memory Architecture

OptiMem II

ECC Memory (ECC mode) support varies by CPU.

* Refer to www.asus.com for the Memory QVL (Qualified Vendors Lists).

Gráfica Integrated Graphics Processor

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 **3rd Gen AMD Ryzen™ Processors**

1 x PCIe 4.0 x16 (x16 mode)

3rd Gen AMD Ryzen™ with Radeon™ Graphics Processors

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

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

3rd Gen AMD Ryzen™ Processors :

1 x M.2_1 socket 3, with M key, type 2242/2260/2280/22110 storage devices support (SATA & PCIe 4.0 x4 mode)

3rd Gen AMD Ryzen™ with Radeon™ Graphics Processors :

1 x M.2_1 socket 3, with M key, type 2242/2260/2280/22110 storage devices support (SATA & PCIe 3.0 x 4 mode)

6 x SATA 6Gb/s port(s)

AMD B550 Chipset :

1 x M.2_2 socket 3, with M key, type 2242/2260/2280/22110 storage devices support (SATA & PCIe 3.0 x 4 mode)*

Support Raid 0, 1, 10

LAN Intel® I225-V 2.5Gb Ethernet

ASUS LANGuard

Audio ROG SupremeFX 8-Channel High Definition Audio CODEC S1220A

- Dual OP Amplifiers
- Impedance sense for front and rear headphone outputs
- Supports : Jack-detection, Multi-streaming, Front Panel Jack-retasking
- High quality 120 dB SNR stereo playback output and 113 dB SNR recording input
- Supports up to 32-Bit/192kHz playback *

Audio Feature :

- SupremeFX Shielding™ Technology
- Gold-plated jacks
- Optical S/PDIF in port(s) at back panel
- Audio Shielding
- Premium Japanese audio capacitors
- Audio Cover

* Due to limitations in HDA bandwidth, 32-Bit/192kHz is not supported for 8-Channel audio.

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)

Front USB Port (Total 6)

2 x USB 3.2 Gen 1 port(s)

4 x USB 2.0 port(s)

Software Features

ROG Exclusive Software

- RAMCache III
- ROG CPU-Z
- GameFirst VI
- Sonic Studio III + Sonic Studio Virtual Mixer
- Sonic Radar III
- DTS® Sound Unbound
- Overwolf
- Anti-virus software

ASUS Exclusive Software Features

Armoury Crate

- Aura Creator
- Aura Sync
- AI Noise Cancelling Microphone

AI Suite 3:

- PPSU

EPU

DIGI+ VRM

Fan Xpert 4

TurboV EVO

- EZ update

WinRAR

UEFI BIOS

ASUS EZ DIY

- ASUS CrashFree BIOS 3
- ASUS EZ Flash 3
- ASUS UEFI BIOS EZ Mode

ASUS Special Features

Aura Sync

- Standard RGB header(s)
- Addressable Gen 2 RGB header(s)

ASUS Q-Design

- ASUS Q-DIMM
- ASUS Q-LED (DRAM [yellow], CPU [red], 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
- Clear CMOS header
- ProCool
- Pre-mounted I/O shield
- SafeSlot

Puertos posteriores I/O

- 1 x Intel® I225-V 2.5Gb Ethernet
- 1 x DisplayPort
- 1 x HDMI
- 2 x USB 3.2 Gen 2 (1 x Type-A+1 x USB Type-C®)
- 4 x USB 3.2 Gen 1
- 2 x USB 2.0
- 1 x Optical S/PDIF out
- 1 x BIOS FlashBack™ Button(s)
- 5 x Gold-plated audio jacks

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
- 1 x AAFP connector
- 2 x Aura RGB Strip Header(s)
- 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 1 with M key, type 2242/2260/2280/22110 storage devices support(SATA & PCIe 4.0 x4 mode)
- 1 x M.2 Socket 2 with M key, type 2242/2260/2280/22110 storage devices support (SATA & PCIE 3.0 x 4 mode)
- 6 x SATA 6Gb/s connector(s)
- 1 x Thunderbolt header(s)
- 1 x 24-pin EATX Power connector(s)
- 1 x 8-pin ATX 12V Power connector(s)
- 1 x 4-pin ATX 12V Power connector(s)
- 1 x System panel(s)
- 1 x Thermal sensor connector(s)
- 1 x Clear CMOS jumper(s)

Accesorios

- User's manual
- 4 x SATA 6Gb/s cable(s)
- 1 x Supporting DVD
- 1 x ROG Strix stickers
- 1 x Cable ties pack(s)
- 1 x Extension cable for Addressable LED
- 1 x ROG Thank you card
- 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 PME, 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* Share bandwidth with PCIe3.0 x1_1, PCIe3.0 x1_2, PCIe3.0 x1_3
* When the M.2_2 Socket 3 is populated , SATA6G_5/6 ports will be disabled.

