

CPU

AMD AM4 Socket 2nd and 1st Gen AMD Ryzen™ with Radeon™ Vega Graphics/AMD Ryzen™ 2nd Generation/3rd Gen AMD Ryzen™ Processors

Chipset

AMD X570

Memoria

3rd Gen AMD Ryzen™ Processors

4 x DIMM, Max. 128GB, DDR4

4400(O.C.)/3466(O.C.)/3400(O.C.)/3200(O.C.)/3000(O.C.)/2933(O.C.)/2800(O.C.)/2666/2400/2133 MHz Un-buffered Memory

2nd Gen AMD Ryzen™ Processors

4 x DIMM, Max. 128GB, DDR4

3600(O.C.)/3466(O.C.)/3400(O.C.)/3200(O.C.)/3000(O.C.)/2933(O.C.)/2800(O.C.)/2666/2400/2133 MHz Un-buffered Memory

2nd and 1st Gen AMD Ryzen™ with Radeon™ Vega Graphics Processors

4 x DIMM, Max. 128GB, DDR4

3200(O.C.)/3000(O.C.)/2933(O.C.)/2800(O.C.)/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).

Gráficos

Integrated Graphics in the 2nd and 1st Gen AMD Ryzen™ with Radeon™ Vega

Graphics Processors

Multi-VGA output support : HDMI/DisplayPort ports

- Supports HDMI 1.4b with max. resolution 4096 x 2160 @ 24 Hz

- Supports DisplayPort with max. resolution 4096 x 2160 @ 60 Hz

Soporte Multi GPU

3rd and 2nd Gen AMD Ryzen™ Processors

AMD Ryzen™ 2nd Generation/Ryzen™ 1st Generation Processors

Supports AMD CrossFireX™ Technology

Slots de Expansión

3rd Gen AMD Ryzen™ Processors

1 x PCIe 4.0 x16 (x16 mode)

2nd Gen AMD Ryzen™ Processors

1 x PCIe 3.0 x16 (x16 mode)

2nd and 1st Gen AMD Ryzen™ with Radeon™ Vega Graphics Processors

1 x PCIe 4.0 x16 (x8 mode)

AMD X570 chipset

1 x PCIe 4.0 (max at x4 mode)

3 x PCIe 4.0 x1

Almacenamiento

3rd Gen AMD Ryzen™ Processors :

1 x M.2 Socket 3, with M Key, Type 2242/2260/2280/22110(PCIE 4.0 x4 and SATA modes) storage devices support

2nd Gen AMD Ryzen™ 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 X570 chipset :

1 x M.2 Socket 3, with M Key, Type 2242/2260/2280/22110(PCIE 4.0 x4 and SATA modes) storage devices support

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

Support Raid 0, 1, 10

LAN

Realtek® L8200A

ASUS Turbo LAN Utility

TUF LANGuard

Audio

Realtek® ALC S1200A 8-Channel High Definition Audio CODEC

Audio Feature :

- Exclusive DTS Custom for GAMING Headsets.

- Audio Shielding: Ensures precision analog/digital separation and greatly reduced multi-lateral interference

- Dedicated audio PCB layers: Separate layers for left and right channels to guard the quality of the sensitive audio signals

- Premium Japanese audio capacitors: Provide warm, natural and immersive sound with exceptional clarity and fidelity

- Audio Cover: Effective shielding preserves the integrity of audio signals to ensure best quality.

Puertos USB

3rd and 2nd Gen AMD Ryzen™/2nd and 1st Gen AMD Ryzen™ with Radeon™

Vega Graphics Processors :

4 x USB 3.2 Gen 1 port(s) (4 at back panel,)

AMD X570 chipset :

3 x USB 3.2 Gen 2 port(s) (3 at back panel, , 2 x Type-A+1 x USB Type-C™)

AMD X570 chipset :

2 x USB 3.2 Gen 1 port(s) (2 at mid-board)

AMD X570 chipset :

4 x USB 2.0 port(s) (4 at mid-board)

Características Especiales

ASUS TUF PROTECTION

- ASUS SafeSlot: Protect your graphics card Investment

- ASUS ESD Guard: Enhanced ESD protection

- ASUS Overvoltage Protection: World-class circuit-protecting power design

- ASUS Stainless-Steel Back I/O: 3X corrosion-resistance for greater durability!

- ASUS DIGI+ VRM: Precision control for stable power

- ASUS LANGuard: Protects against LAN surges, lightning strikes and static-electricity discharges!

AURA :

- Aura Lighting Control

- Aura RGB Strip Headers

- Addressable Gen 2 Header

ASUS Exclusive Features :

- AI Suite 3

- Ai Charger

ASUS Quiet Thermal Solution :

- Stylish Design: MOS Heat-sink with dual thermal pads design, PCH Fan, PCH and M.2 Heatsink

- ASUS Fan Xpert 4

ASUS EZ DIY :

- ASUS CrashFree BIOS 3

- ASUS EZ Flash 3

- ASUS UEFI BIOS EZ Mode

ASUS Q-Design :

- ASUS Q-LED (CPU, DRAM, VGA, Boot Device LED)

- ASUS Q-Slot

- ASUS Q-DIMM

DIY Friendly Design

- Procool

- SafeSlot

- Digi+ VRM

- Highly Durable components

- ESD Guards

Puertos I/O Traseros

1 x PS/2 keyboard/mouse combo port(s)

1 x DisplayPort

1 x HDMI

1 x LAN (RJ45) port(s)

1 x Optical S/PDIF out

5 x Audio jack(s)

4 x USB 3.2 Gen 1 (up to 5Gbps) ports

3 x USB 3.2 Gen 2 (up to 10Gbps) ports (Type-A + USB Type-C™)

Internal I/O

2 x Aura RGB Strip Header(s)

1 x Addressable Gen 2 header(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 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

8 x SATA 6Gb/s connector(s)

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 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 Front panel audio connector(s) (AAFP)

- 1 x System panel(s)
- 1 x Clear CMOS jumper(s)
- 1 x COM port header
- 1 x USB 3.2 Gen 1 (up to 5Gbps) connector support additional 2 USB ports

Accesorios

- User's manual
- I/O Shield
- 2 x SATA 6Gb/s cable(s)
- 1 x M.2 Screw Package
- 1 x Supporting DVD
- 1 x TUF GAMING Sticker
- 1 x TUF Certification card(s)

BIOS

256Mb Flash ROM, UEFI AMI BIOS, PnP, SM BIOS 3.2, ACPI 6.2, Multi-language BIOS, ASUS EZ Flash 3, CrashFree BIOS 3, F6 Qfan Control, F3 My Favorites, F4 AURA ON/OFF, Last Modified log, F9 Search, F12 PrintScreen, and ASUS DRAM SPD (Serial Presence Detect) memory information

Capacidad de gestión

WOL by PME, PXE

Sistema Operativo

Windows® 10 64-bit

Factor de forma

ATX Form Factor
12.0 inch x 9.6 inch (30.5 cm x 24.4 cm)

