

CPU

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

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

Chipset

AMD B550

Memory

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 MHz Memory *

AMD Ryzen™ 4000 G-Series Desktop 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 for the Memory QVL (Qualified Vendors Lists).

* The maximum memory frequency supported varies by processor

Graphic

1 x D-Sub

1 x DVI-D

1 x HDMI 2.1(4K@60HZ)

Expansion Slots

AMD Ryzen™ 5000 Series/ 3000 Series Desktop Processors

1 x PCIe 4.0 x16 (x16 mode)

AMD Ryzen™ 4000 G-Series Processors

1 x PCIe 3.0 x16 (x16 mode)

AMD B550 Chipset

2 x PCIe 3.0 x1

Storage

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 2242/2260/2280/22110(PCIe 4.0 x4 and SATA modes) storage devices support

AMD Ryzen™ 4000 G-Series Processors :

1 x M.2_1 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_2 socket 3, with M Key, Type 2242/2260/2280 (PCIe 3.0 x4 and SATA modes) storage devices support

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

Support Raid 0, 1, 10

LAN

Realtek RTL8111H 1Gb Ethernet

Wireless Data Network

Wi-Fi 802.11 a/b/g/n/ac

Supports dual band frequency 2.4/5 GHz

Supports PCIe interface

Bluetooth

Bluetooth® 5.0

Audio

Realtek ALC887/897 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 :

- LED-illuminated design

- Audio Shielding

- Dedicated audio PCB layers

- Premium Japanese audio capacitors

* Choose the chassis with HD audio module in front panel to support 8-channel audio output.

USB Ports

Rear USB Port (Total 6)

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

4 x USB 3.2 Gen 1 port(s)(4 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 Suite 3

- Performance And Power Saving Utility

TurboV EVO

EPU

Digi+ VRM

Fan Xpert 2+

- EZ update

ASUS CPU-Z

AI Charger

DAEMON Tools

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 5X PROTECTION III

- ASUS DIGI+ VRM
- ASUS LANGuard
- ASUS Overvoltage Protection
- ASUS SafeSlot Core
- ASUS Stainless-Steel Back I/O

ASUS Q-Design

- ASUS Q-DIMM
- ASUS Q-Slot

ASUS Thermal Solution

- Aluminum heatsink design

AURA Sync

- Standard RGB headers
- Addressable Gen 2 RGB header

ASUS Lighting Control

Back I/O Ports

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

1 x DVI-D

1 x D-Sub

1 x HDMI

1 x LAN (RJ45) port(s)

2 x USB 3.2 Gen 2 (teal blue) (2 x Type-A)

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

3 x Audio jack(s)

1 x ASUS Wi-Fi Module

Internal I/O Ports

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

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

1 x SPI TPM header

4 x SATA 6Gb/s connector(s)

1 x S/PDIF out 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 Clear CMOS jumper(s)

1 x System panel connector

1 x COM port header

1 x Speaker connector

Accessories

I/O Shield

2 x SATA 6Gb/s cable(s)

1 x Supporting DVD

User manual

1 x Wi-Fi moving antenna

1 x M.2 SSD screw package(s)

BIOS

256 Mb Flash ROM, UEFI AMI BIOS

Manageability

WOL by PXE

Operating System

Windows® 10 64-bit

Form Factor

mATX Form Factor

9.6 inch x 9.6 inch (24.4 cm x 24.4 cm)

Note

*A chassis with an HD audio module in the front panel is required to support 7.1-channel audio output.