

- CPU

Intel® Socket 1151 for 8th Generation Core™ Processors

Supports Intel® 14 nm CPU

Supports Intel® Turbo Boost Technology 2.0

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

- Chipset

Intel® Z370

- Memory

4 x DIMM, Max. 64GB, DDR4

4000(O.C.)/3866(O.C.)/3733(O.C.)/3600(O.C.)/3466(O.C.)/3400(O.C.)/3333(O.C.)/3300(O.C.)/3200(O.C.)/3000(O.C.)/2800(O.C.)/2666/2400/2133 MHz Non-ECC, Un-buffered Memory *

Dual Channel Memory Architecture

Supports Intel® Extreme Memory Profile (XMP)

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

* The maximum memory frequency supported varies by processor.

- Graphic

Integrated Graphics Processor- Intel® HD Graphics support

Multi-VGA output support : HDMI/DVI-D ports

- Supports HDMI 1.4b with max. resolution 4096 x 2160 @ 24 Hz / 2560 x 1600 @ 60 Hz

- Supports DVI-D with max. resolution 1920 x 1200 @ 60 Hz

Maximum shared memory of 1024 MB

- Multi-GPU Support

Supports AMD CrossFireX™ Technology

- Expansion Slots

1 x PCIe 3.0/2.0 x16 (x16, x8/x4+x4) *

1 x PCIe 3.0/2.0 x16 (max at x4 mode)

4 x PCIe 3.0/2.0 x1

*For 3 SSD on CPU support, install a Hyper M.2 X16 card (sold separately) into the PCIeX16_1 slot, enable this card under BIOS settings.

- Storage

Intel® Z370 Chipset :

2 x M.2 Socket 3*¹, , with M Key, type 2242/2260/2280 storage devices support (SATA mode & X4 PCIE mode)

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

Support Raid 0, 1, 5, 10

Intel® Optane™ Memory Ready

- LAN

Realtek® RTL8111H, 1 x Gigabit LAN Controller(s)

ASUS LAN Guard

- Audio

Realtek® ALC887 8-Channel High Definition Audio CODEC

- Supports : Jack-detection, Front Panel Jack-retasking

Audio Feature :

- LED-illuminated design - Brighten up your build with the gorgeous illuminated audio trace path.

- 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

- USB Ports

Intel® Z370 Chipset :

8 x USB 3.1 Gen 1 port(s) (4 at back panel, +blue)

Intel® Z370 Chipset :

6 x USB 2.0 port(s) (2 at back panel,)

- Special Features

ASUS 5X Protection III :

- ASUS SafeSlot Core: Fortified PCIe Slot prevents damage

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

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

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

- ASUS DIGI+ VRM: 7 Phase digital power design

ASUS EPU :

- EPU

ASUS Exclusive Features :

- AI Suite 3

- Ai Charger

ASUS Quiet Thermal Solution :

- Stylish Fanless Design Heat-sink solution & MOS Heatsink

- ASUS Fan Xpert 4 Core

ASUS EZ DIY :

- ASUS O.C. Tuner

- ASUS CrashFree BIOS 3

- ASUS EZ Flash 3

- ASUS UEFI BIOS EZ Mode

ASUS Q-Design :

- ASUS Q-Slot

- ASUS Q-DIMM

Overclocking Protection :

- ASUS C.P.R.(CPU Parameter Recall)

M.2 Onboard(The latest transfer technologies with up to 32Gb/s data transfer speeds)

- Back I/O Ports

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

1 x DVI-D

1 x HDMI

1 x LAN (RJ45) port(s)

4 x USB 3.1 Gen 1 (blue) Type-A

2 x USB 2.0

3 x Audio jack(s)

- Internal I/O Ports

2 x USB 3.1 Gen 1 connector(s) support(s) additional 4 USB 3.1 Gen 1 port(s) (19-pin)

2 x USB 2.0 connector(s) support(s) additional 4 USB 2.0 port(s)

2 x M.2 Socket 3 with M Key, type 2242/2260/2280 storage devices support (SATA mode & X4 PCIE mode)

1 x COM port(s) connector(s)

4 x SATA 6Gb/s connector(s)

1 x CPU Fan connector(s) (1 x 4 -pin)

2 x Chassis Fan connector(s) (2 x 4 -pin)

1 x S/PDIF out header(s)

1 x 24-pin EATX Power connector(s)

1 x 8-pin ATX 12V Power connector(s)

1 x Front panel audio connector(s) (AAFP)

1 x Clear CMOS jumper(s)

1 x System panel connector

1 x AIO PUMP Header

- Accessories

User's manual
I/O Shield
2 x SATA 6Gb/s cable(s)
1 x M.2 Screw Package
1 x SCD

- BIOS

128 Mb Flash ROM, UEFI AMI BIOS, PnP, DMI3.0, WfM2.0, SM BIOS 3.0, ACPI 6.0, Multi-language BIOS, ASUS EZ Flash 3, CrashFree BIOS 3, F11 EZ Tuning Wizard, F6 Qfan Control, F3 My Favorites, Last Modified log, F12 PrintScreen, and ASUS DRAM SPD (Serial Presence Detect) memory information

- Manageability

WfM 2.0, DMI 3.0, WOL by PME, PXE

- Support Disc

Drivers
ASUS Utilities
ASUS EZ Update
Anti-virus software (OEM version)

- Operating System

Windows® 10 64-bit

- Form Factor

ATX Form Factor
12.0 inch x 8.9 inch (30.5 cm x 22.6 cm)

- Note

*1. When a device in SATA mode is installed on the M.2_1 socket, SATA_1 port cannot be used.



- Products certified by the Federal Communications Commission and Industry Canada will be distributed in the United States and Canada. Please visit the ASUS USA and ASUS Canada websites for information about locally available products.
- All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.

- Specifications and features vary by model, and all images are illustrative. Please refer specification pages for full details.
- PCB color and bundled software versions are subject to change without notice.
- Brand and product names mentioned are trademarks of their respective companies.

- Specifications and features vary by model, and all images are illustrative. Please refer specification pages for full details.
- *Precise specifications and features vary by model . Please refer to the specification page
- The product (electrical , electronic equipment, Mercury-containing button cell battery) should not be placed in municipal waste. Check local regulations for disposal of electronic products.