

Supreme H110 micro-ATX for enterprises, with 5X Protection II for dependable stability, Intel® vPro business-grade technology, and DDR4 support.

- 5X Protection II – Advanced hardware safeguards for all-round protection
- DDR4 memory support
- Media-acclaimed UEFI BIOS with EZ Flash 3
- Easy PC DIY with safe motherboard-mounting design
- Fan Xpert advanced fan controls for ultimate cooling and silent performance

• CPU

Intel® Socket 1151 for 6th Generation Core™ i7/Core™ i5/Core™ i3/Pentium®/Celeron® Processors

Supports Intel® 14 nm CPU

Supports Intel® Turbo Boost Technology 2.0

* The Intel® Turbo Boost Technology 2.0 support depends on the CPU types.

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

• Chipset

Intel® H110

• Memory

2 x DIMM, Max. 32GB, DDR4 2133 MHz Non-ECC, Un-buffered Memory *¹

Dual Channel Memory Architecture

* Due to Intel® chipset limitation, DDR4 2133 MHz and higher memory modules on XMP mode will run at the maximum transfer rate of DDR4 2133 Mhz.

• Graphic

Integrated Graphics Processor- Intel® HD Graphics support

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

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

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

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

- Supports DisplayPort with max. resolution 4096 x 2304 @ 60 Hz

Maximum shared memory of 1024 MB

Supports Intel® InTru™ 3D, Quick Sync Video, Clear Video HD Technology, Insider™

Supports up to 2 displays simultaneously

• Expansion Slots

1 x PCIe 3.0/2.0 x1 (x16 mode)
2 x PCIe 2.0 x1

- **Storage**

Intel® H110 Chipset :
4 x SATA 6Gb/s port(s), gray,

- **LAN**

Realtek® RTL8111H

- **Audio**

Realtek® ALC887 8-Channel High Definition Audio CODEC *²
- Supports : Jack-detection, Front Panel Jack-retasking

- **USB Ports**

Intel® H110 chipset :
4 x USB 3.0/2.0 port(s) (2 at back panel, blue, 2 at mid-board)
Intel® H110 chipset :
6 x USB 2.0/1.1 port(s) (4 at back panel, black, 2 at mid-board)

- **Special Features**

ASUS 5X Protection II :
- ASUS LANGuard - 2.5X higher surge tolerance
- ASUS Overvoltage Protection - World-class circuit-protecting power design
- ASUS DIGI+ VRM - 5 Phase digital power design
- ASUS DRAM Overcurrent Protection - Prevents damage from short circuits
- ASUS Stainless-Steel Back I/O - 3X corrosion-resistance for greater durability

ASUS EPU :

- EPU

ASUS Exclusive Features :

- AI Suite 3
- Ai Charger
- Anti-Surge
- Mobo Connect
- PC Cleaner

Remote Entertainment

- Media Streamer

ASUS Quiet Thermal Solution :

- ASUS Fan Xpert

ASUS EZ DIY :

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

ASUS Q-Design :

- ASUS Q-Slot
- ASUS Q-DIMM

- **Operating System Support**

Windows® 10 , 64bit

Windows® 8.1 , 64bit

Windows® 7 , 32bit/64bit *³

- **Back I/O Ports**

1 x PS/2 keyboard (purple)

1 x PS/2 mouse (green)

1 x DVI-D

1 x D-Sub

1 x DisplayPort

1 x HDMI

1 x LAN (RJ45) port(s)

2 x USB 3.0 (blue)

4 x USB 2.0

3 x Audio jack(s)

- **Internal I/O Ports**

1 x USB 3.0 connector(s) support(s) additional 2 USB 3.0 port(s) (19-pin)

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

4 x SATA 6Gb/s connector(s)

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

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

1 x 24-pin EATX Power connector(s)

1 x 4-pin ATX 12V Power connector(s)

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

1 x Internal speaker connector(s)

1 x System panel(s)

1 x 14-1 pin TPM connector

1 x COM port header

1 x Chassis intrusion header

- **Accessories**

User's manual
I/O Shield
2 x SATA 6Gb/s cable(s)
1 x Supporting DVD

- **BIOS**

128 Mb Flash ROM, UEFI AMI BIOS, PnP, DMI 2.0, WfM2.0, SM BIOS 3.0, ACPI 5.0, Multi-language BIOS, ASUS EZ Flash 3, ASUS CrashFree BIOS 3, My Favorites, Quick Note, Last Modified Log, F12 PrintScreen function, and ASUS DRAM SPD (Serial Presence Detect) memory information

- **Manageability**

WfM 2.0, DMI 2.0, WOL by PME, PXE

- **Support Disc**

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

- **Form Factor**

uATX Form Factor
8.9 inch x 7.3 inch (22.61 cm x 18.54 cm)

- **Note**

*1: Due to Intel® chipset limitation, DDR4 2133 MHz and higher memory modules on XMP mode will run at the maximum transfer rate of DDR4 2133 Mhz.
*2: Use a chassis with HD audio module in the front panel to support an 8-channel audio output.
*3: Please refer to ASUS website and download "Windows® 7 installation guide" and "ASUS EZ installer" to install Windows® 7.