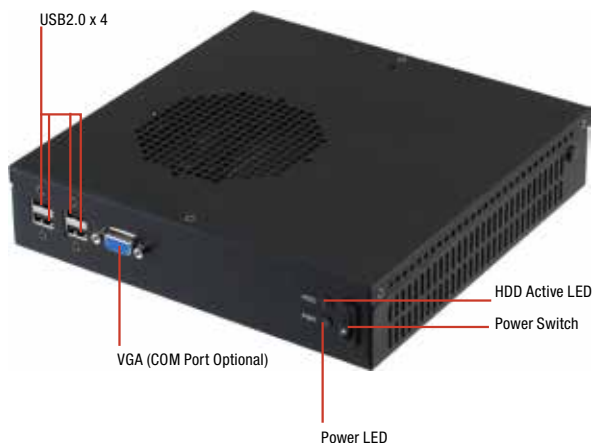


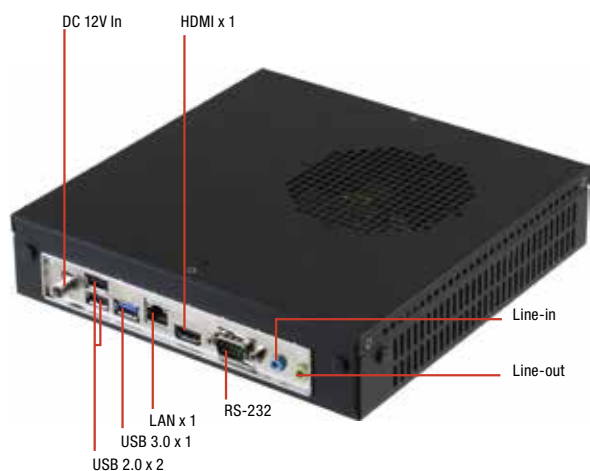
# 14 ACS-1U01-H110B

Mini-ITX 1U Chassis with Intel® 6th Generation Core™ i Series Processor

Front View



Rear View



## Features

- LGA 1151 Socket For Intel® 4th Generation Core™ i Series 14 nm Processor
- Intel® H110B
- DDR4 2133/1867 MHz SODIMM x 2, Up to 32GB
- Dual Independent Display: HDMI x 2, BOM Changeable to DP
- Rich IO Supported: USB 3.0 x 4, USB 2.0 x 4
- Compact Size, Low Power

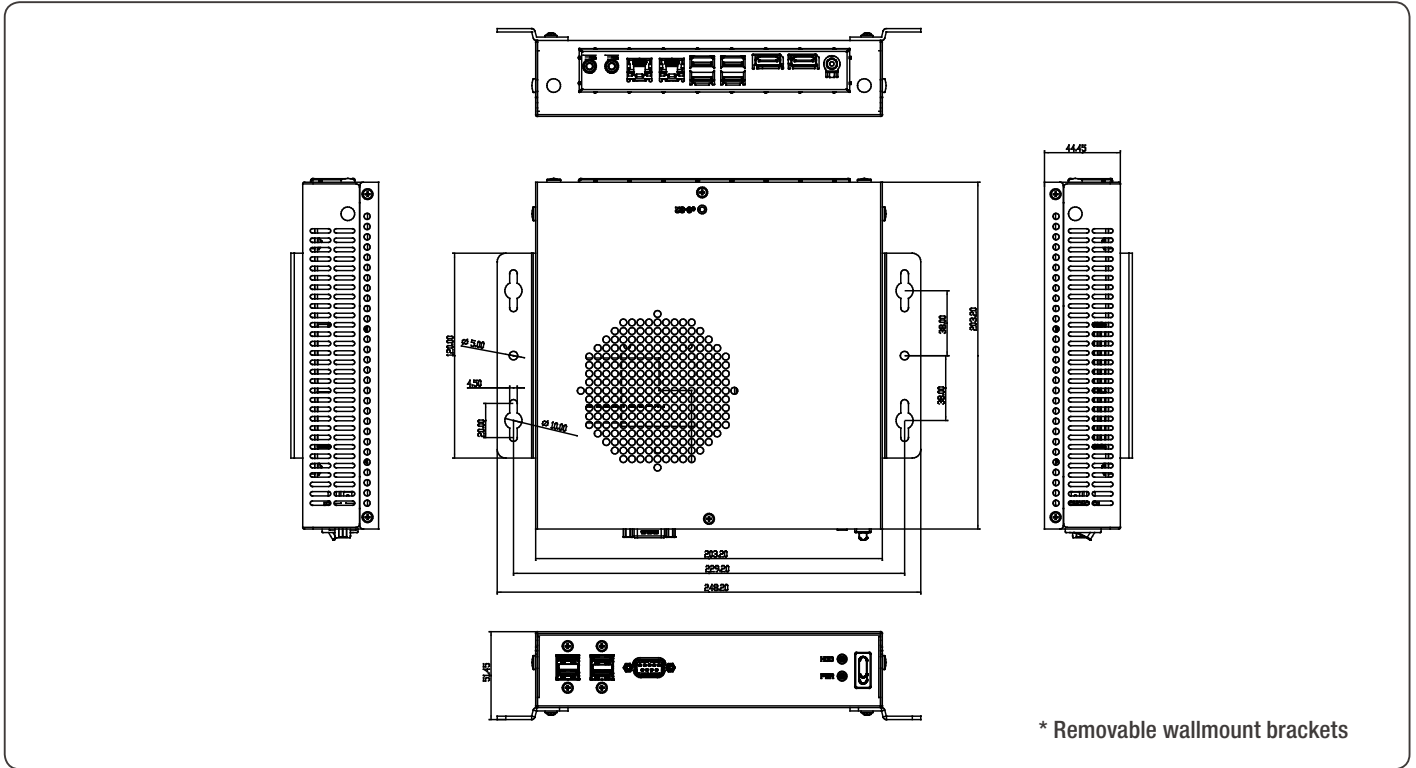


## Specifications

System	
CPU board	EMB-H110B-A10-HH
CPU	Intel® Skylake 14nm LGA 1151 socket Processor, Max. 65W TDPs (follow thin mini-ITX)
Chipset	Intel® H110
System Memory	2 x SO-DIMM, Max. 32GB, DDR4 2133/1867 MHz, Non-ECC, Un-buffered
I/O Chipset	NCT6791D
Display Interface	Intel® HD Graphics DP(BOM Change, default HDMI): Up to 4096 x 2304 @24Hz / 3840 x 2160 @60Hz, with Digital Audio HDMI: Up to 4096 x 2304 @24Hz / 2560 x 1600 @60Hz, with Digital Audio LVDS: Up to 1920 x 1200 @60Hz, Dual Channel 18/24-bit coloy eDP: Up to 4096 x 2304 @60Hz
Storage Devices	2.5" HDD x 1, Full-Size Mini-Card(mSATA default, PCIe + USB optional) x 1
LAN	Realtek PCIe Gb LAN 8111G x 2
I/O	
Front I/O Ports	USB 2.0 port x 4 Power S/W x 1 COM port x 1 HDD LED x 1 POWER LED x 1
Rear I/O Ports	USB 3.0 port x 4 Mic-In (pink) x 1 Line-Out (green) x 1 HDMI x 2 (BOM Changeable to DP) RJ-45 Connector x 2 DC Power jack x 1
Expansion	Half-Size Mini-Card slot (PCIe + USB) x 1 Full-Size Mini-Card (Default mSATA, PCIe + USB optional) x 1 SATA3 (6.0Gb/s) x 2 SATA Power connector x 1 USB 2.0 header x 2 (2x5 pin, 2.00mm. Connected to USB 2.0 port x 4 on fornt I/O) Boxer header for COM (RS-232/422/485) x 1 Boxer header for COM (RS-232) x 1 Digital I/O boxer header x 1 Full-size Mini-Card slot (mSATA default) x 1, SATA3 (6.0Gb/s) x 2, SATA2 (3.0Gb/s) x 2, SATA power connector x 1 RS-232 9-pin int. boxer header x 5, RS-232/422/485 9-pin boxer header x 1, 5-pin USB 2.0 header(p=2.00mm) x 1, 8-bit Digital I/O x 1 (In/Out programmable)
Power	
Battery	Lithium battery
Power Requirement	DC: 12V
Mechanical	
Dimension (WxHxD)	8" x 8" x 1.75" (203.20mm x 203.20mm x 44.45mm)
VESA Mounting	Wallmount
Anti-Vibration	0.5 Grms/ 5~ 500Hz/ operation - HDD
Anti-Shock	10 G peak acceleration (11 msec. duration)
Environmental	
Operating temperature	32°F ~ 122°F (0°C ~ 50°C)
Certificate	CE & FCC Class A
Operating System	
MS Windows	Windows 7 32 / 64bit, Windows 8.1 32 / 64bit, Windows 10 32 / 64bit
Linux	Fedora

## Dimension

Unit: mm



## Ordering Information

Part Number	CPU	RAM Module	Display	Cooler	Storage	LAN	USB	Serial Port	Expansion Slot	Power	Mounting
ACS-1U01-H110B-HH	LGA 1151 Socket Type	—	HDMI x 2	1U aluminium cooler x 1	2.5" HDD shelf, Full-Size Mini-Card	GbE x 2	USB 3.0/2.0 x 4 USB 2.0 x 4	RS-232 x 1, RS-422/485 x1	Half size Mini-Card x 1	DC 12V ~ 24V	Wallmount

## Packing List

- Wallmount Kit
- 2.5" HDD tray
- Product DVD

## Optional Accessories

- **1702031802**  
Power Cord (US & Taiwan Type)
- **1702031803**  
Power Cord (European Type)
- **170203180B**  
Power Cord (China Type)
- **170203180E**  
Power Cord (Japanese Type)
- **1255300607**  
60W Power Adapter