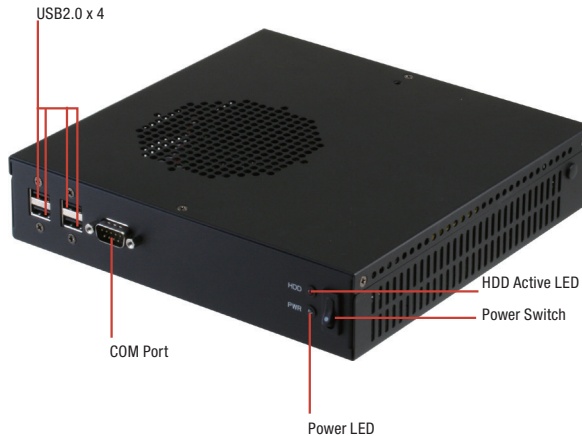


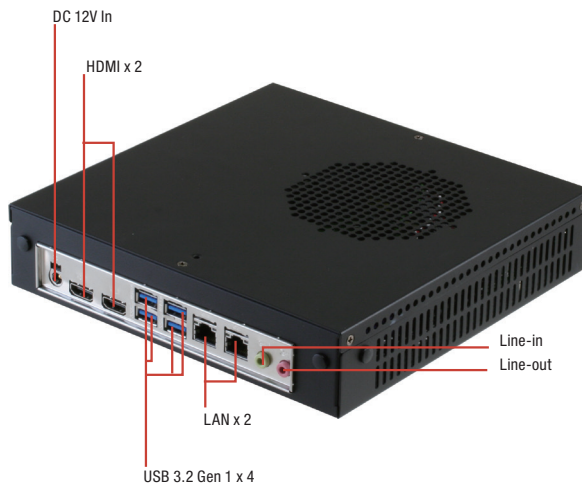
# ACS-1U01-H110B

Mini-ITX 1U Chassis with 6th Generation Intel® Processor

Front View



Rear View



## Features

- LGA 1151 Socket For 6th Generation Intel® 14 nm Processor
- Intel® H110
- DDR4 2133/1867 MHz SODIMM x 2, Up to 32GB
- Dual Independent Display: HDMI x 2, BOM Changeable to DP
- Rich IO Supported: USB 3.2 Gen 1 x 4, USB 2.0 x 4
- Compact Size, Low Profile

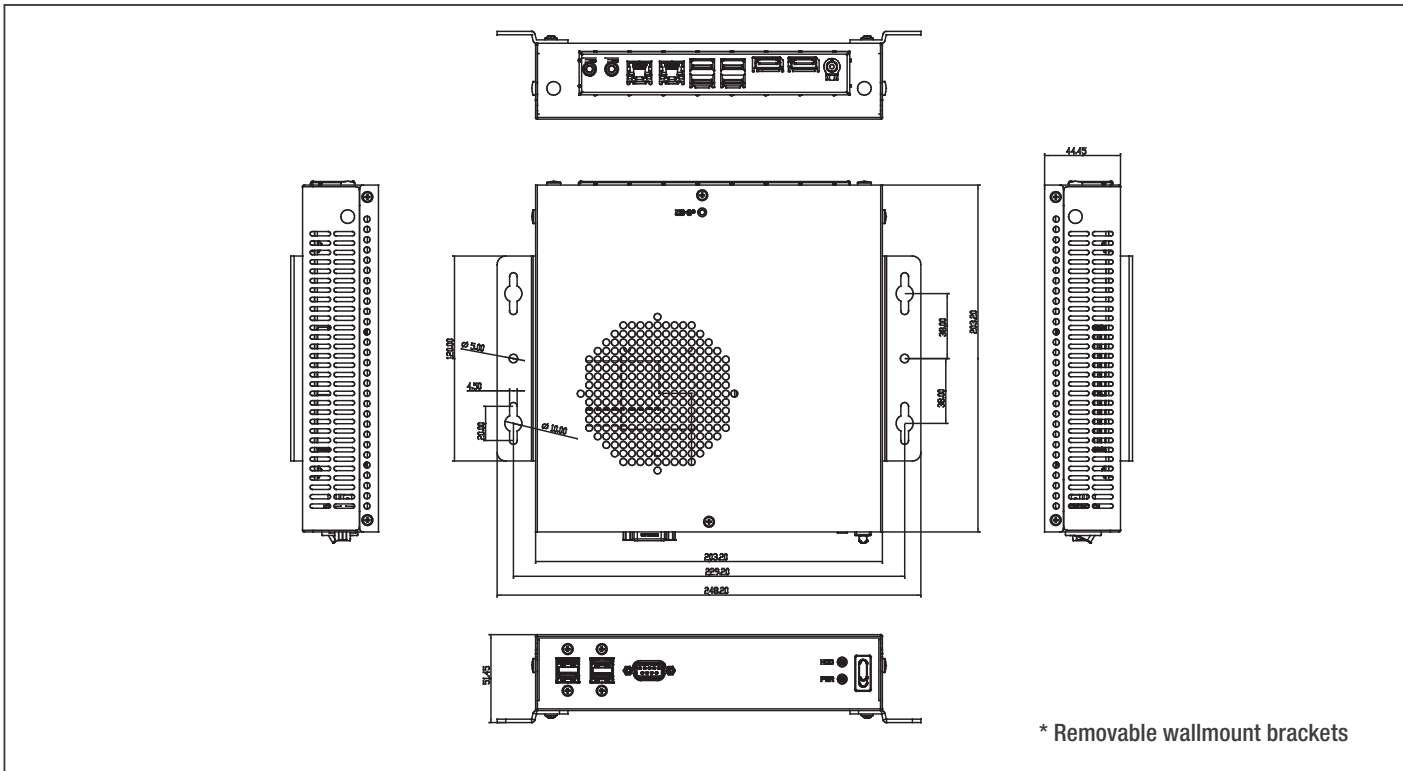


## Specifications

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 SODIMM, 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 1920 x 1200 @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 3.2 Gen 1 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	Mini PCIe	Half-Size Mini-Card slot (PCIe + USB) x 1, Full-Size Mini-Card (Default mSATA, PCIe + USB optional) x 1
	Storage	Full-size Mini-Card slot (mSATA default) x 1, SATA3(6.0Gb/s) x 1, SATA power connector x 1
	Others	RS-232 9-pin int. box header x 1, RS-232/422/485 9-pin box header x 1, 5-pin USB 2.0 header(p=2.00mm) x 2
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 / 64-bit, Windows® 8.1 32 / 64-bit, Windows® 10 32 / 64-bit	
Linux	Ubuntu 16.04.02/Kernal 4.8.0	

## Dimension

Unit: mm



## Ordering Information

Part Number	CPU	RAM Module	Display	Cooler	Storage	LAN	USB	Serial Port	Expansion Slot	Power	Mounting
ACS-1U01-H110B-C10	LGA 1151 Socket Type	—	HDMI x 2 / HDMI x 1, DP x 1	1U aluminium cooler x 1	2.5" HDD shelf, Full-Size Mini-Card	GbE x 2	USB 3.2 Gen 1/2.0 x 4 USB 2.0 x 4	RS-232 x 1, RS-422/485 x 1	Half size Mini-Card x 1	DC 12V ~ 24V	Wallmount

## Packing List

- Wallmount Kit
- 2.5" HDD Tray
- ACS-1U01-H110B (1U Chassis w/ EMB-H110B)

## Optional Accessories

- **1702031802**  
Power Cord (US & Taiwan Type)
- **1702031803**  
Power Cord (European Type)
- **170203180B**  
Power Cord (China Type)
- **170203180E**  
Power Cord (Japanese Type)
- **1255201200**  
120W Power Adapter