

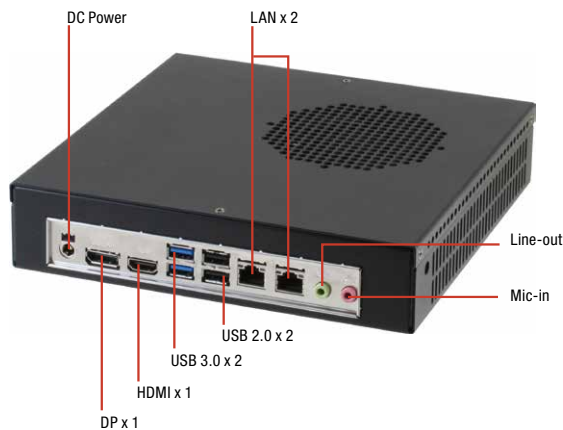
14 ACS-1U01-H81B

Mini-ITX 1U Chassis with Intel® 4th Generation Core™ i Series Processor

Front View



Rear View



Features

- LGA 1150 Socket For Intel® 4th Generation Core™ i Series 22 nm Processor
- Intel® H81
- DDR3 1333/1600MHz SODIMM x 2, Up to 16GB
- Dual Independent Display: HDMI, DP
- Rich IO Supported: USB 3.0 x 2, USB 2.0 x 6
- Compact Size, Low Power



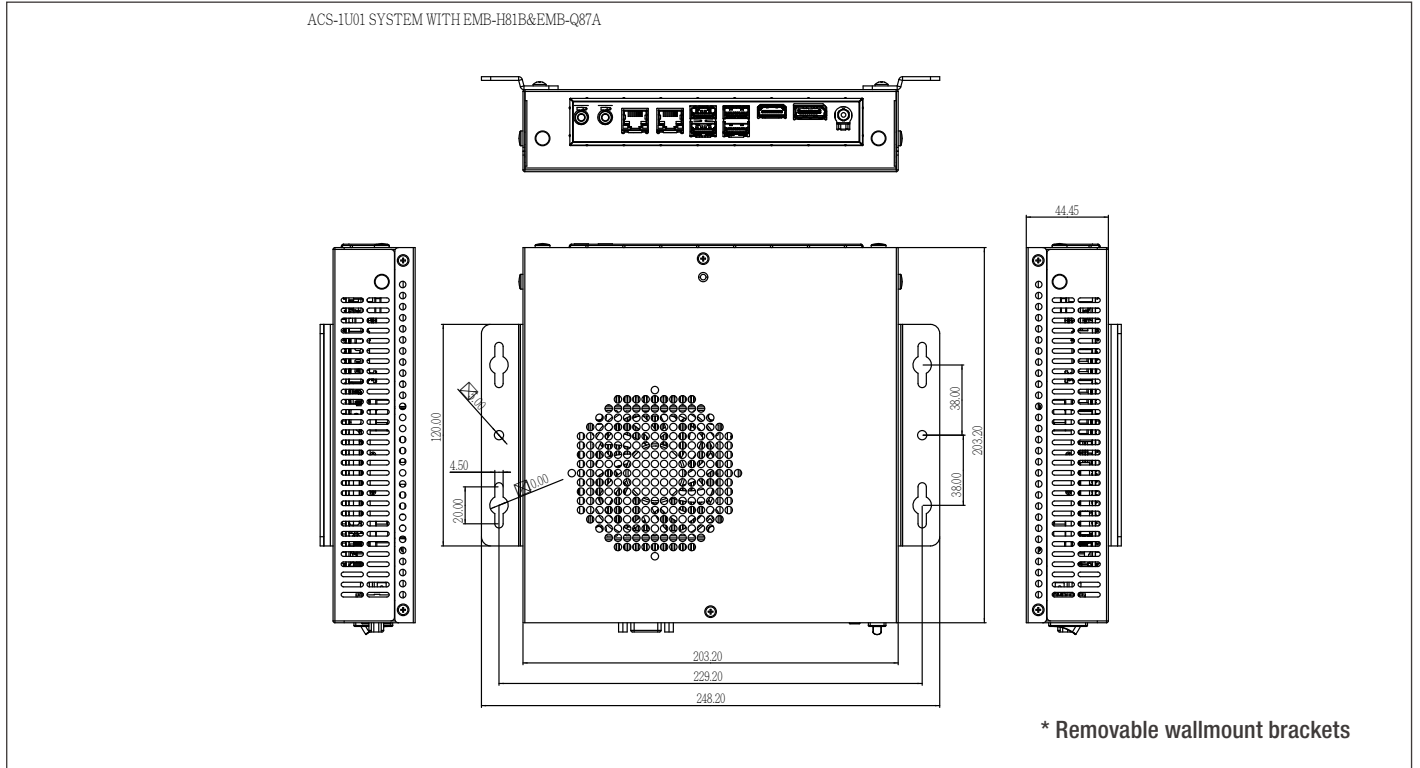
Specifications

System		
CPU	Intel® Haswell 22nm LGA 1150 socket Processor, Max. 65W TDPs (follow thin mini-ITX)	
Chipset	—	
System Memory	204pin SO-DIMM x 2, Max. 16GB, DDR3 1600/1333 MHz Non-ECC, un-buffered memory, Dual-channel memory architecture	
I/O Chipset	NCT6791D	
Display Interface	Chipset Intel® Graphics Media Accelerator	
	DP HDMI1.4 x 1, Up to 4096 x 2160 @ 24 Hz / 2560 x 1600 @ 60 Hz DP1.2 x 1, Up to 4096 x 2160 @ 24 Hz / 3840 x 2160 @ 60 Hz VGA x 1, Up to 1920 x 1200 @ 60 Hz	
Storage Devices	2.5" HDD, Full-Size Mini-Card (optional)	
Network	LAN Realtek PCIe Gb LAN 8111G x 2	
I/O		
Front I/O	USB	USB 2.0 port x 4
	Audio	—
	Display	VGA x 1
	Others	On/Off Button x 1, Power LED + HD LED x 1, (COM port optional if not use VGA port)
Rear I/O	USB	USB 3.0/2.0 port x 2, USB 2.0 port x 2
	Audio	Line-out (green) x 1, Mic-in (pink) x 1
	Display	HDMI x 1, DP x 1
	LAN	RJ-45 connector x 2
	Power	DC Power x 1
Expansion	Others	—
	Mini PCIe	Half size Mini-Card (PCIe+USB) x 1
	Storage	Full-Size Mini-Card x 1, SATA3 (6.0Gb/s) x 2, SATA2 (3.0Gb/s) x 1, SATA power connector x 1
Others	Boxer header for COM x 2 (COM1: RS-232/422/485 supports 5V/12V/RI; COM2: RS-232), USB 2.0 connectors support additional 2 USB ports (2.54 mm) x 1, 8-bit Digital I/O x 1 (In/Out programmable)	
Indicator	Front	Power LED x 1, HDD Active LED x 1
	Rear	—
Power		
Battery	Lithium battery	
Power Requirement	DC: 12V~24V (± 5% wide range voltage input)	
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® 10 32/64 bit, Windows® 7 32/64 bit, Windows® 8.1 32/64 bit	
Linux	Fedora	

ACS-1U01-H81B

Dimension

Unit: mm



Ordering Information

Part Number	CPU	RAM Module	Display	Cooler	Storage	LAN	USB	Serial Port	Expansion Slot	Power	Mounting
ACS-1U01-H81B-V10	LGA1150 Socket type	—	HDMI x 1, DP x 1	1U aluminium cooler x 1	2.5" HDD shelf, Full-Size Mini-Card	GbE x 2	USB 3.0/2.0 x 2, USB 2.0 x 6	RS-232 x 1, RS-232/422/485 x 1	Half size Mini-Card x 1	DC 12V ~ 24V	Wallmount

Packing List

- Product DVD
- 1U Cooler
- Wallmount Kit
- 2.5" HDD Tray
- ACS-1U01-H81B (1U Chassis w/ EMB-H81B)

Optional Accessories

- **1702031830**
Power Cord (US & Taiwan Type)
- **1702031831**
Power Cord (European Type)
- **1702031810**
Power Cord (Japanese Type)
- **ADAPTER-120W-01 (P/N)**
120W Power Adapter