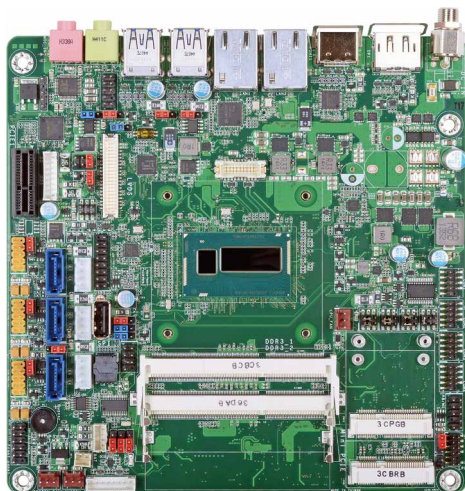


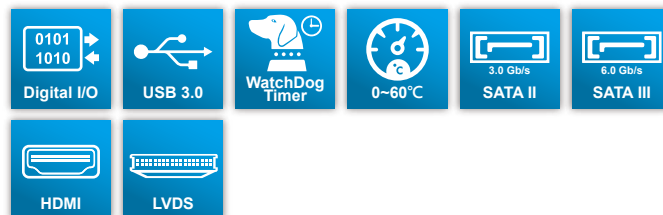
# AMB-HW46T1

Intel 4th Generation Core i3/i5/i7, 1 x HDMI, 1 x DP, 1 x LVDS or VGA,  
2 x GbE LAN, 4 x COM, 4 x USB 3.0, 6 x USB 2.0, 2 x mini PCIe, 1 x PCIe x1,  
3 x SATA 3.0



## Features

- Mini-ITX Motherboard
- Onboard Intel 4th Generation i3/i5/i7 CPU
- Support 1 x HDMI, 1 x DP, 1 x LVDS or VGA
- 2 x GbE LAN, 4 x COM
- 4 x USB 3.0, 6 x USB 2.0
- 2 x mini PCIe, 1 x PCIe x1
- 3 x SATA 3.0



## Specification

### Specification

CPU	Intel® 4th Generation Haswell Core i7-4650U, 1.70GHz
Chipset	N/A
Memory	2 x DDR3L-1333/1600MHz, SO-DIMM, up to 16GB
BIOS	AMI UEFI BIOS

### Video

Graphic Controller	Intel® HD Graphics 5000
Video Interface	<ul style="list-style-type: none"><li>• 1 x HDMI, Up to 4096 x 2304@24Hz, or 2560 x 1600@60Hz</li><li>• 1 x DP Up to 3200 x 2000@60Hz</li><li>• 1 x LVDS(default)/VGA/eDP</li></ul> 24-bit LVDS, dual channel, Up to 1920 x 1200@60Hz

### Storage

SATA	2 x SATA III, Support RAID 0/1/5
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### I/O

Ethernet	2 x RJ45 GbE LAN
Ethernet Chip	1 x Intel I210, 1 x Intel I218 phy
Expansion Slot	<ul style="list-style-type: none"><li>• 1 x PCIe x1 slot</li><li>• 2 x Mini PCIe</li></ul> (1 x full size, support USB, PCIe, mSATA 1 x half size, support USB, PCIe)
Serial Port	4 x COM(1 x RS232/422/485, 3 x RS232)
USB	4 x USB 3.0 6 x USB 2.0
GPIO	8-bit Digital I/O
Audio	Realtek ALC888, 5.1channel High Definition Audio 1 x Line-out(by pin header), 1 x MIC-in(by pin header) 1 x S/P DIF(pin header)
Keyboard	1 x pin header for Key Board/Mouse

### Power Requirement

Power Input	1 x 12V DC-in jack, Optional 4-Pin power connector
Power Output	3 x FAN Power connector

## Software

OS Support	Windows 7 (32 bit/64 bit), Windows 8.1 (32 bit/64 bit), Linux(by request)
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## Mechanical & Environment

Dimension	170mm x 170mm (Mini-ITX form factor)
Operating Temp.	0~60°C
Storage Temp.	-20~75°C
Safety	RoHS

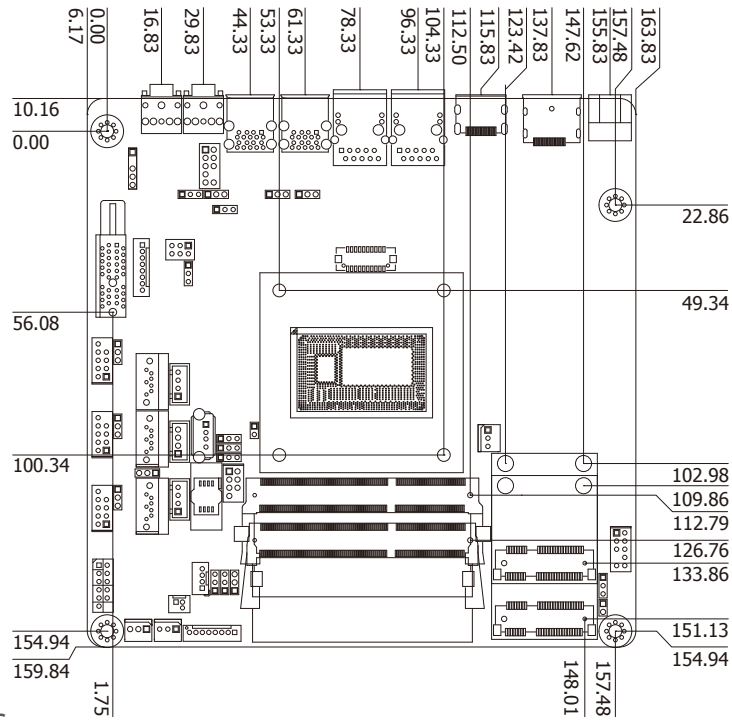
## Packing List

- 1 x AMB-HW46T1
- 1 x Driver CD
- 1 x Quick User Guide
- 1 x SATA Cable
- 1 x SATA power Cable
- 1 x I/O Shielding

## Ordering Information

AMB-HW46T1	Intel 4th Core i7-4650U, 1.7GHz, 1 x HDMI, 1 x DP, 1 x LVDS, 1 x VGA, 2 x GbE LAN, 4 x COM, 4 x USB 3.0, 6 x USB 2.0, 2 x mini PCIe, 1 x PCIe x1, 3 x SATA 3.0
AMB-HW43T1	Intel 4th Core i5-4300U, 1.9GHz, 1 x HDMI, 1 x DP, 1 x LVDS, 1 x VGA, 2 x GbE LAN, 4 x COM, 4 x USB 3.0, 6 x USB 2.0, 2 x mini PCIe, 1 x PCIe x1, 3 x SATA 3.0
AMB-HW40T1	Intel 4th Core i3-4010U, 1.7GHz, 1 x HDMI, 1 x DP, 1 x LVDS, 1 x VGA, 2 x GbE LAN, 4 x COM, 4 x USB 3.0, 6 x USB 2.0, 2 x mini PCIe, 1 x PCIe x1, 3 x SATA 3.0

# Dimension



# I/O Connectors

