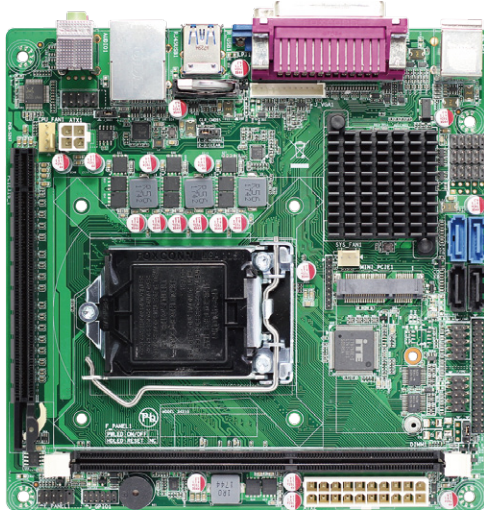


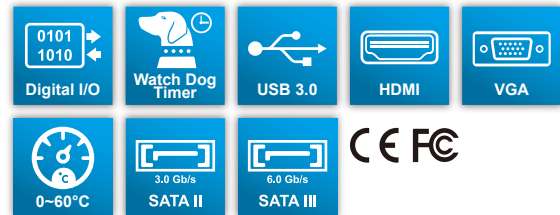
# AMB-IH81T3

Intel® H81 Chipset with Haswell CPU Pentium®/ Celeron®/4<sup>th</sup> Generation Core i3/5/7,  
1 x GbE, 6 x COM, 8 x USB2.0, 2 x USB3.0, 1 x PCIe x16, 1 x mini PCIe,



## Features

- 1 x DDR3-1066/1333MHz, UDIMM, up to 8GB
- 1 x PCIe [16X]
- 1 x Mini PCIe,
- 1x GbE, 6 x COM
- 2 x USB 3.0, 8 x USB 2.0
- 2 x SATA 3.0, 2 x SATA 2.0



## Specification

### Specification

CPU	Intel® Haswell CPU Pentium®/Celeron®/4 <sup>th</sup> Gen Core CPU i3/5/7 Support Intel LGA1150 socket
Chipset	Intel® H81
Memory	1 x DDR3-1066/1333MHz, UDIMM, up to 8GB
BIOS	AMI UEFI BIOS

### Video

Graphic Controller	Intel® HD Graphics
Video Interface	1 x VGA, 1 x HDMI

### Storage

SATA	2 x SATA 2.0 Port + 2 x SATA 3.0 Ports
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### I/O

Expansion Slot	<ul style="list-style-type: none"> <li>• 1 x PCIe Gen2 [16X] slot</li> <li>• 1 x Mini PCIe (PCIe + USB signal)</li> </ul>
Ethernet	1 x GbE LAN
Ethernet Chip	1 x Realtek PCIe NIC RTL8105E
Serial Port	<ul style="list-style-type: none"> <li>• 6 x RS232 ,(COM2: RS485 optional)</li> </ul>
USB	<ul style="list-style-type: none"> <li>• 6 x Header(USB2.0)</li> <li>• 2 x Rear I/O(USB2.0)</li> <li>• 2 x Rear I/O(USB3.0/USB2.0)</li> </ul>
GPIO	8-bit Digital I/O
Audio	Realtek ALC662 5.1 Channel HDA Code 1 x MIC-in, 1 x Line out
Parallel Port	1 x Parallel Port
Keyboard	1 x PS/2 Header for Key Board/Mouse

### Hardware Feature

WatchDog Timer	Software programmable from 1~255 seconds
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## Power Requirement

Power Input	ATX PSU
Power Output	System Fan & CPU Fan connector

## Software

OS Support	Windows 7 (32bit/64bit), Windows 8.1( 32bit/64 bit), Windows 10 ( 32bit/64 bit)
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## Mechanical & Environment

Dimensions	170mm x 170mm (6.69" x 6.69" )
Weight	TBD
Operating Temp.	0~60°C
Storage Temp.	-20~ 70°C
Relative Humidity	5 to 90% , non-condensing
Safety	RoHS

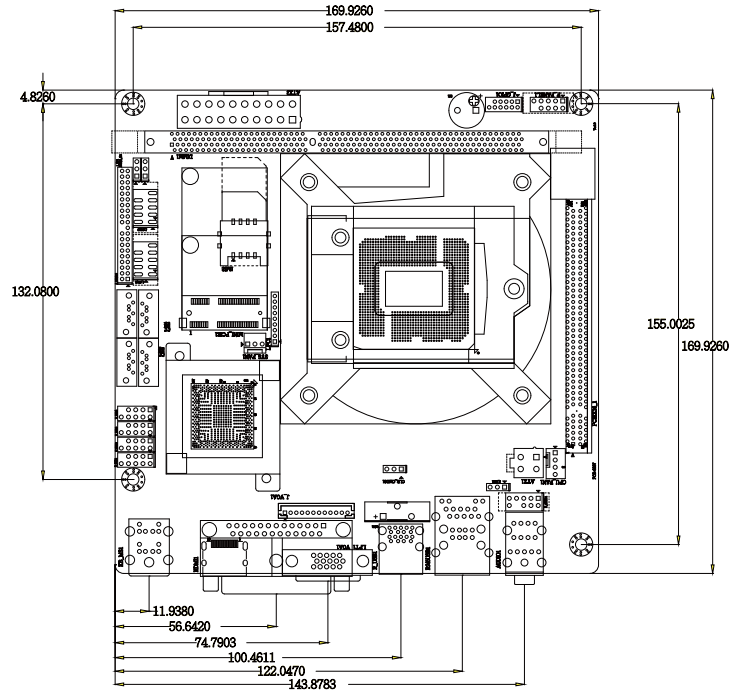
## Packing List

- 1 x AMB-IH81T3 M/B
- 1 x SATA cable
- 1 x SATA power cable
- 2 x COM cable
- 1 x 1 to 4 COM cable
- 1 x Driver CD
- 1 x Quick Guide
- 1 x I/O Shielding

## Ordering Information

AMB-IH81T3	Intel® H81 Chipset with Haswell CPU, 1 x GbE, 6 x COM, 8 x USB2.0, 2 x USB3.0, 1 x PCIe x16,1 x Mini PCIe,
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# Dimensions



# I/O Connectors

