

AMB-IH81T1

Intel® H81 Chipset with Intel Pentium/ Celeron/ 4th Generation Core i3/i5/i7,
2 x GbE, 2 x COM, 8 x USB2.0, 2 x USB3.0, 1 x PCIe x16, 1 x mini PCIe,



Features

- Support Intel 4th Gen Pentium/ Celeron/ Core i3/ i5/ i7 CPU
- 2 x DDR3L-1333/1600MHz, UDIMM, up to 16GB
- 1 x PCIe x16
- 1 x mini PCIe, 1 x SIM slot
- 2 x GbE, 12 x COM
- 2 x USB 3.0, 8 x USB 2.0
- 2 x SATA 3.0, 1 x SATA 2.0



Specification

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CPU	Support Intel LGA1150 socket <ul style="list-style-type: none">• Intel Pentium/ Celeron• Intel 4th Generation Core i3/ i5/ i7
Chipset	Intel® H81
Memory	2 x DDR3L-1333/1600MHz, UDIMM, up to 16GB
BIOS	AMI UEFI BIOS

Video

Graphic Controller	Intel® HD Graphics
Video Memory	Shared Memory
Video Interface	2 x VGA

Storage

SATA	1 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">• 1 x PCIe x16 slot• 1 x mini PCIe (PCIe + USB signal)
Ethernet	2 x GbE LAN
Ethernet Chip	2 x Realtek PCI-E NIC RTL8111F
Serial Port	<ul style="list-style-type: none">• COM1: RS232• COM2: RS232/RS485• COM3~10: RS232• COM11~12: RS232
USB	<ul style="list-style-type: none">• 6 x Header(USB2.0)• 2 x Rear I/O(USB2.0)• 2 x Rear I/O(USB3.0/USB2.0)
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
SIM	1 x SIM Card Slot
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	1 x ATX 20-Pin + 12V 4-Pin power connector
Power Output	System Fan & CPU Fan connector

Software

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

Dimension	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

- AMB-IH81T1
- Quick User Guide
- Driver CD
- SATA Cable
- I/O Shielding

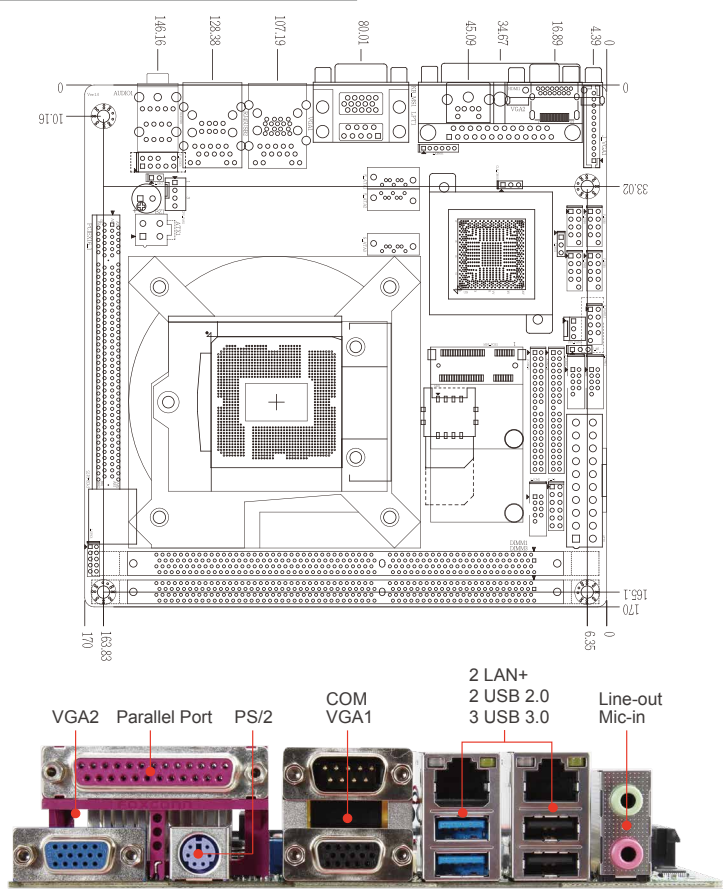
Ordering Information

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Optional Cable

- USB port cable (2.54mm)
- USB port cable (2.0mm)
- COM port cable
- Serial ATA data cable

Dimension



I/O Connectors

