

Features

- On board 4th Generation Intel® Core™ i U-series Processor
- 2x DDR3L-1600 SO-DIMM, Max 16GB
- Supports DVI-I and 24bit dual channel LVDS
- 2x Intel® PCI-E GbE LAN
- Watchdog timer, Digital I/O, iSMART, iAMT(9.5)
- 6x USB, 2x COM, 2x SATA III, mSATA
- 2x Mini PCI-E slot



System

CPU	Intel® Core™ i7-4650U processor (1.7GHz) Intel® Core™ i5-4300U processor (1.9GHz) Intel® Core™ i3-4010U processor (1.7GHz)
System Memory	2x DDR3L-1600 SO-DIMM, Max 16GB (Non-ECC)
System Chipset	Integrated in 4th Generation Intel® Core™ i U-series processor
BIOS	AMI BIOS
Watchdog Timer	256 levels
SSD	2x mSATA
H/W Monitor	Yes
Expansion Slot	2x Mini PCI-E (1x full-sized, 1x half-sized)

Graphics

VGA Controller	4th Generation Intel® Core™ i U-series processor integrated Gfx
VGA Memory	Shared memory
Display Interface	Support DVI-I and 24-bit dual channel LVDS

LAN

Controller	IB908AF: Intel® I218LM LAN PHY IB908F: Intel® I218V LAN PHY Intel® I211AT PCI-E Gigabit LAN (as 2 nd LAN)
Connector	2x RJ-45 on board

Multi I/O

I/O Chipset	Nuvoton NCT6102D 1x RS-232/422/485(Jumperless selection) 1x RS232, 2x SATA III
USB	2 ports on board (USB3.0) Pin header for 4 ports (USB2.0)
Audio	4th Generation Intel® Core™ i U-series processor built-in High Definition Audio controller + Realtek ALC269-VC Codec w/class-D speaker amplifier
Others	Digital I/O, +9V~ +24V DC-In, iSMART

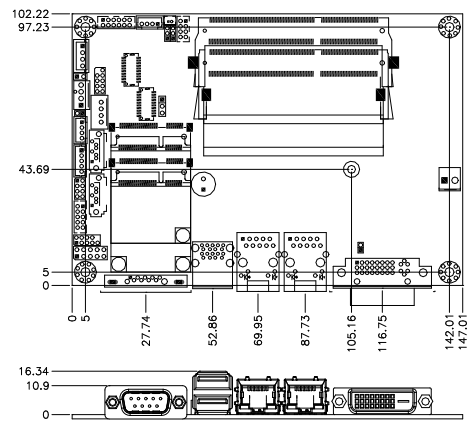
Mechanical and Environmental

Dimensions	102mm x 147mm (4" x 5.8")
Max. Power Requirement	TBD
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-40°F~167°F)
Relative Humidity	10%~90% (non-condensing)

Ordering Information

IB908AF-4650	Intel® Core™ i7-4650U(1.7GHz) 3.5-inch Disk Size SBC w/ dual PCI-E GbE LAN, DVI-I & LVDS(24-bit LVDS dual channel), mSATA, iSMART, iAMT (9.5)
IB908AF-4300	Intel® Core™ i5-4300U(1.9GHz) 3.5-inch Disk Size SBC w/ dual PCI-E GbE LAN, DVI-I & LVDS(24-bit LVDS dual channel), mSATA, iSMART, iAMT (9.5)
IB908F-4010	Intel® Core™ i3-4010U(1.7GHz) 3.5-inch Disk Size SBC w/ dual PCI-E GbE LAN, DVI-I & LVDS(24-bit LVDS dual channel), mSATA, iSMART
IB75	Cable kit IB908 series ,w/ SATA+Power cable, USB, COM, Power cable
HSIB908-BGA	Heatsink for IB908

Dimensions



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