



IB908 with Heat spreader



IB908 with Heatsink

Features

- Onboard 4th Gen Intel® Core™ 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)
- 2x USB 3.0, 2x USB 2.0, 2x COM, 2x SATA III
- 2x Mini PCI-E slot, mSATA

Specifications

CPU	Intel® Core™ i7-4650U processor (1.7GHz) Intel® Core™ i5-4300U processor (1.9GHz) Intel® Celeron® 2980U processor (1.6GHz)
PCH	Integrated in 4th Gen Intel® Core™ i U-Series processor
Memory Types	2x DDR3L-1600 SO-DIMM, Max 16GB (Non-ECC)
BIOS	AMI
Watchdog Timer	256 levels
H/W Monitor	Yes
Storage Device Interface	2x mSATA
Mini Type Slots	2x Mini PCI-E (1x full-size, 1x half-size)
Graphics Controller	4th Gen Intel® Core™ i U-Series processor integrated graphics
Video Output	Supports DVI-I and 24-bit dual-channel LVDS
Ethernet	IB908AF: Intel® I218LM LAN PHY IB908F: Intel® I218V LAN PHY Intel® I211AT PCI-E Gigabit LAN (as 2nd LAN)
I/O Chip	Nuvoton NCT6102D
Serial Port	1x RS232/422/485 (jumperless selection) 1x RS232
USB 2.0	2x USB2.0 via pin header
USB 3.0/ 3.1	2x USB3.0 on board
Serial ATA	2x SATA III
Audio	4th Gen Intel® Core™ i U-series processor built-in HD audio controller w/ Realtek ALC269Q-VC2-GR codec w/ class-D speaker amplifier
TPM	N/A
Others	Digital I/O, +9V~ +24V DC-In, iSMART
Dimensions (L x W)	102mm x 147mm (4" x 5.8")
Power Consumption	Intel® Core™ i7-4650U @1.70 GHz w/ 2x 2GB DDR3L-1600 +12V: 2.75A
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	90% (non-condensing @60°C)

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-2980 (MOQ)	Intel® Celeron® 2980U(1.6GHz) 3.5-inch Disk-Size SBC w/ dual PCI-E GbE LAN, DVI-I & LVDS (24-bit LVDS dual-channel), mSATA, iSMART
HSIB908-BGA	Heatsink for IB909/IB908
HSIB908-BGA-2	Heat Spreader for IB909/IB908
IB75	Cable kit w/ SATA+power cable, USB, COM, power cable

Dimensions and Drawing

