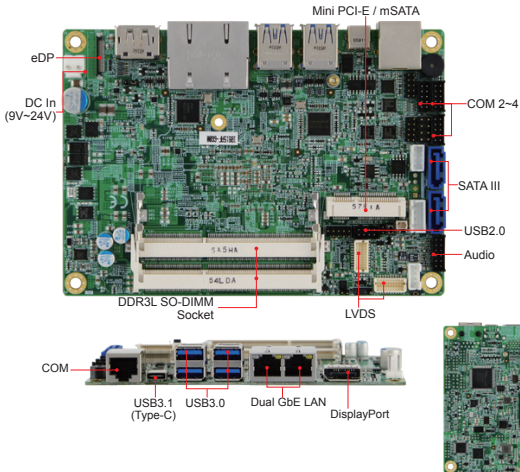
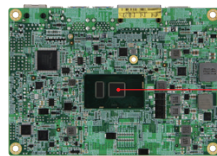


3,5" Board



Features

- Onboard 6th Gen Intel® Core™ U-series processor
- 2x DDR3L-1600 SO-DIMM, Max. 16GB
- Supports eDP, DP and 24bit dual channel LVDS
- 2x Intel® PCI-E Gigabit LAN
- Watchdog timer, Digital I/O, mSATA, iSMART
- 2x USB 2.0, 4x USB 3.0, 1x USB 3.1(Type-C), 4x COM, 2x SATAIII
- 1x Mini PCI-E slot



IB915 with Heat spreader



IB915 with Heatsink

Specifications

CPU Socket	BGA1356 for 6th Gen Intel® Core™ U-series i7 / i5 / i3 / Celeron® DC processors, up to 3.4GHz
System Memory	2x DDR3L-1600 SO-DIMM, Max 16GB (Non-ECC)
System Chipset	Integrated in 6th Gen Intel® Core™ U-series processor
BIOS	AMI
Watchdog Timer	256 levels
SSD	1x mSATA
H/W Monitor	Yes
Expansion Slot	1x Mini PCI-E (full-sized)
VGA Controller	6th Gen Intel® Core™ U-series processor integrated graphics
VGA Memory	shared memory
Display Interface	Supports eDP, DisplayPort and 24-bit dual channel LVDS
LAN Controller	IB915AF: Intel® I219LM LAN PHY IB915F: Intel® I219V LAN PHY Intel® I211AT PCI-E Gigabit LAN(as 2nd LAN)
LAN Connector	2x RJ-45 on board
I/O Chipset	Fintek F81846AD-1 1x RS232/422/485 (jumperless selection), 3x RS232
USB	1x USB 3.1(Type-C) 4x USB3.0 on board 2x USB2.0 on via pin header
Serial ATA	2x SATA III
Audio	6th Gen Intel® Core™ U-series processor built-in HD audio controller + Realtek ALC662 codec
Others	Digital I/O, +9V~ +24V DC-in, iSMART
Dimensions	102mm x 147mm (4" x 5.8")
Max. Power Requirement	Intel® Core™ i3-6100U 2.3GHz w/ 2x DDR3L-1600 4GB +12V: 2.36A Intel® Core™ i7-6600U 2.6GHz w/ 2x DDR3L-1600 4GB +12V: 2.27A
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

IB915AF-6600	Intel® Core™ i7-6600U(2.6GHz/3.4GHz) 3.5-inch Disk Size SBC w/ dual PCI-E GbE LAN, eDP, DP & LVDS (24-bit LVDS dual channel), mSATA, iSMART, iAMT(1.1.0)
IB915AF-6300	Intel® Core™ i5-6300U(2.4GHz/3GHz) 3.5-inch Disk Size SBC w/ dual PCI-E GbE LAN, eDP, DP & LVDS (24-bit LVDS dual channel), mSATA, iSMART, iAMT(1.1.0)
IB915F-6100	Intel® Core™ i3-6100U(2.3GHz) 3.5-inch Disk Size SBC w/ dual PCI-E GbE LAN, eDP, DP & LVDS (24-bit LVDS dual channel), mSATA, iSMART
IB915F-3955 (MOQ)	Intel® Celeron® 3955U (2GHz) 3.5-inch Disk Size SBC w/ dual PCI-E GbE LAN, eDP, DP & LVDS (24-bit LVDS dual channel), mSATA, iSMART
HSIB915-BGA-A	Heatsink for IB915
HSIB915-BGA-1	Heat spreader for IB915
IB76A	Cable kit w/ USB, COM, Power, SATA + Power cable

Dimensions and Drawing

