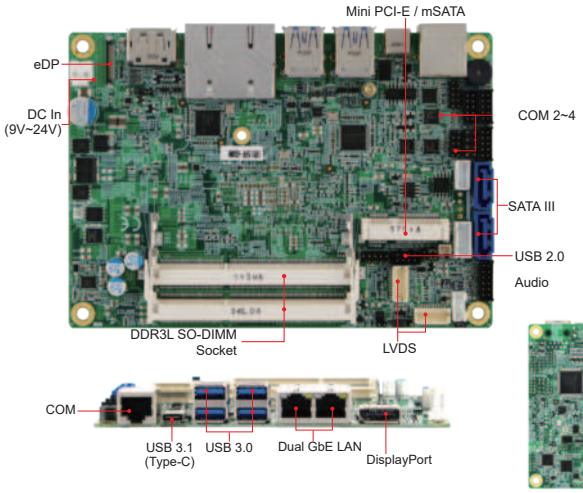
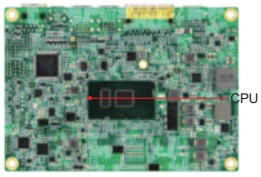
IB915

3.5" Single Board Computer

6th Gen Intel® Core™ U-Series Mobile Processor







Features

- Onboard 6th Gen Intel® Core™ U-Series mobile processor
- 2x DDR3L-1600 SO-DIMM, Max. 16GB
- supports eDP, DP and 24bit dual-channel LVDS
- 2x Intel® 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 SATA III
- 1x Mini PCI-E slot



IB915 with Heat spreader



IB915 with heatsink

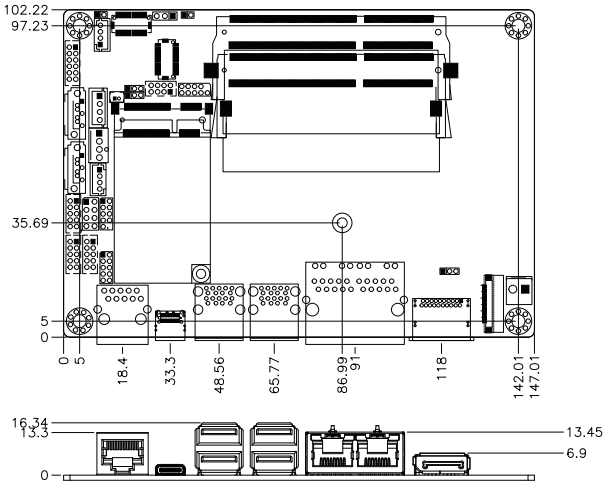
Specifications

CPU	BGA1356 for 6th Gen Intel® Core™ U-Series i7/i5/i3/ Celeron® DC processors, up to 3.4GHz
PCH	Integrated in 6th Gen Intel® Core™ U-Series processor
Memory	2x DDR3L-1600 SO-DIMM, Max. 16GB (Non-ECC)
BIOS	AMI
Watchdog Timer	256 levels
H/W Monitor	Yes
Storage Device Interface	1x mSATA
Mini Type Slots	1x Mini PCI-E (full-size)
Graphics Controller	6th Gen Intel® Core™ U-Series processor integrated graphics
Video Output	Supports eDP, DisplayPort and 24-bit dual-channel LVDS
Ethernet	IB915AF: Intel® I219LM LAN PHY IB915F: Intel® I219V LAN PHY Intel® I211AT or I210AT Gigabit LAN (as 2nd LAN)
I/O Chipset	Fintek F81846AD-I
Serial Port	1x RS232/422/485 (jumper-less selection), 3x RS232
USB 2.0	2x USB 2.0 via pin header
USB 3.X	1x USB 3.1(Type-C) 4x USB 3.0 on board
Serial ATA	2x SATA III
Audio	6th Gen Intel® Core™ U-Series processor built-in HD audio controller + Realtek ALC888S codec
TPM	N/A
Others	Digital I/O, +9V~ +24V DC-in, iSMART
Dimensions (L x W)	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
Power Consumption	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" SBC w/ dual PCI-E GbE LAN, eDP, DP & LVDS (24-bit dual-channel LVDS), mSATA, iSMART, iAMT(11.0)
IB915AF-6300	Intel® Core™ i5-6300U(2.4GHz/3GHz) 3.5" SBC w/ dual PCI-E GbE LAN, eDP, DP & LVDS (24-bit dual-channel LVDS), mSATA, iSMART, iAMT(11.0)
IB915F-6100	Intel® Core™ i3-6100U(2.3GHz) 3.5" SBC w/ dual PCI-E GbE LAN, eDP, DP & LVDS (24-bit dual-channel LVDS), mSATA, iSMART
IB915F-3955 (MOQ)	Intel® Celeron® 3955U (2GHz) 3.5" SBC w/ dual PCI-E GbE LAN, eDP, DP & LVDS (24-bit dual-channel LVDS), mSATA, iSMART
HSIB915-BGA-A	Heatsink for IB915
HSIB915-BGA-1	Heat spreader for IB915
IB76A-2	Cable kit w/ USB, COM, Power, SATA + Power cable

Dimensions and Drawing



Remarks: 1. Specifications are subject to change without prior notice. 2. ODM/OEM is available. 3. For user's manual & datasheet download, visit www.ibase.com.tw.