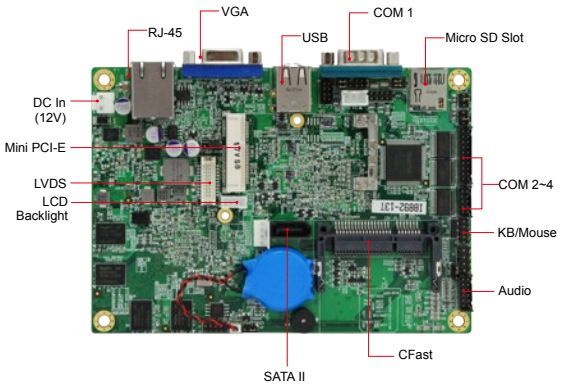
IB892

Intel® Atom™ E600 series processor 3.5" Disk-Size SBC w/ Intel® EG20T Chipset





Features

- Onboard Intel® Atom™ E640T/ E660T processor, up to 1.3GHz
- DDR2-800 1GB memory on board
- Supports VGA and LVDS (18/24-bit single channel)
- 1x Intel® PCI-E Gigabit LAN
- 4x USB, 4x COM, 1x SATA II, 1x CFast, 1x Micro SD slot
- 1x Mini PCI-E slot, Watchdog timer



System

CPU	Intel® Atom™ E640T, 1.0GHz (w/ Wide Temp. support) Intel® Atom™ E660T, 1.3GHz (w/ Wide Temp. support)
System Memory	DDR2 -800 1GB memory on board
System Chipset	Intel® EG20T I/O controller hub
BIOS	AMI BIOS
Watchdog Timer	256 levels
SSD	1x CFast, 1x Micro SD slot
H/W Monitor	Yes
Expansion Slots	1x Mini PCI-E

Graphics

VGA Controller	Integrated 2D/3D graphics
VGA Memory	Max. shared memory - 64MB
Display Interface	Supports VGA and 18/24-bit single channel LVDS

LAN

Controller	Intel® 82574IT PCI-E GbE LAN
Connector	RJ-45 on board

Multi I/O

I/O Chipset	Nuvoton NCT6627UD 3x RS232, 1x RS-232/422/485, 1x SATA II, 1x CFast
USB	2 ports on board Pin header for 2 ports (USB 2.0)
Audio	Intel® Atom™ E6x0T series built-in audio w/ Realtek ALC662 codec for 5.1 CH
Others	Digital I/O, +12V DC In

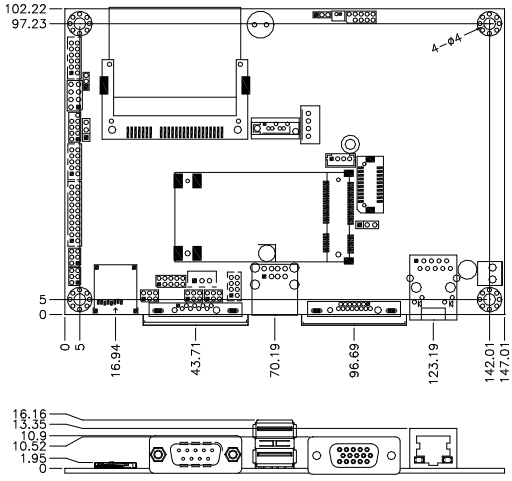
Mechanical and Environmental

Dimensions	102mm x 147mm (4" x 5.8")
Max. Power Requirement	Intel® Atom™ E640T 1.3GHz w/ 1GB DDR2-800 +12V:0.8A
Operating Temperature	-40°C~75°C (-40°F~167°F)
Storage Temperature	-40°C~80°C (-40°F~176°F)
Relative Humidity	10%~90% (non-condensing)

Ordering Information

IB892-10T	Intel® Atom™ E640T 1.0GHz onboard, 3.5-inch Disk Size SBC w/ CRT and PCI-E Gigabit LAN, Wide Temp. support
IB892-13T	Intel® Atom™ E660T 1.3GHz onboard, 3.5-inch Disk Size SBC w/ CRT and PCI-E Gigabit LAN, Wide Temp. support
IB65	Cable kit IB892 series , w/ SATA + power cable, COM, USB, Audio, power cable
HSIB892-BGA	Heatsink for IB892 series

Dimensions 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.