

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 (Wide Temp. supported) Intel® Atom™ E660T, 1.3GHz (Wide Temp. supported)
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	Support VGA and 18/24-bit single channel LVDS

LAN

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

Multi I/O

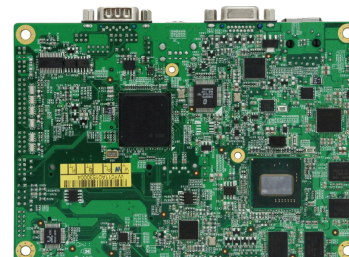
I/O Chipset	Nuvoton NCT6627UD 3x RS232, 1x RS-232/422/485, 1x SATA II, 1x CFAST
USB	2 ports on board Pin header for 2 ports (USB 2.0)
Audio	Intel® Atom™ E6x0T series built-in audio w/Realtek ALC662 Codec for 5.1 CH
Others	Digital I/O, +12V DC In

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



- E-FLEX Platform
- Motherboards
- Disk-Size SBCs
- CPU Modules
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- CPU Cards
- Embedded Systems
- Network Security Appliance