



Features

- Onboard Intel® Atom™ processor E640T/ E660T, up to 1.3GHz
- 1GB DDR2-800 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

Specifications

CPU	Intel® Atom™ E640T, 1.0GHz (w/ wide temp. support) Intel® Atom™ E660T, 1.3GHz (w/ wide temp. support)
PCH	Intel® EG20T I/O controller hub
Memory Types	1GB DDR2 -800 memory on board
BIOS	AMI
Watchdog Timer	256 levels
H/W Monitor	Yes
Storage Device Interface	1x CFast, 1x Micro SD slot
Mini Type Slots	1x Mini PCI-E
Graphics Controller	Integrated 2D/3D graphics
Video Output	Supports VGA and 18/24-bit single-channel LVDS
Ethernet	1x Intel® I210IT PCI-E Gigabit LAN
I/O Chip	Nuvoton NCT6627UD
Serial Port	3x RS232, 1x RS232/422/485, 1x CFast
USB 2.0	2x USB 2.0 on board 2x USB 2.0 via pin-header
USB 3.0/ 3.1	N/A
Serial ATA	1x SATA II
Audio	Intel® Atom™ E6x0T series built-in audio w/ Realtek ALC662 codec for 5.1 CH
TPM	N/A
Others	Digital I/O, +12V DC In
Dimensions (L x W)	102mm x 147mm (4" x 5.8")
Power Consumption	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~90°C (-40°F~194°F)
Relative Humidity	90% (non-condensing @60°C)

Ordering Information

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

Dimensions and Drawing

