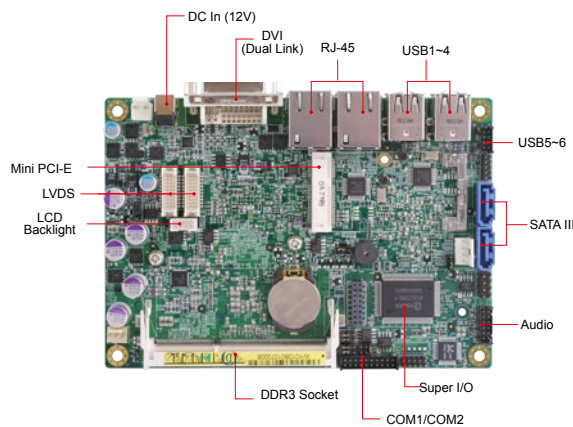


## IB889

AMD Athlon™ II Neo 3.5-inch Disk Size  
w/ AMD 785E Chipset

## Features

- AMD Athlon™ II Neo / Turion™ II Neo processors on board, up to 2.2GHz
- 1x DDR3 SO-DIMM, Max. 4GB
- Supports DVI and LVDS
- 2x PCI-E Gigabit LAN
- 2x SATA III, 6x USB 2.0, 2x COM
- Digital I/O, Watchdog timer, Smart battery interface



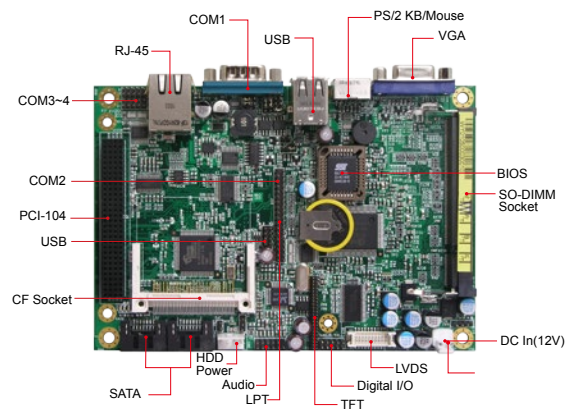
## Specifications

CPU	AMD Turion™ II Neo N54L processor onboard (2.2GHz)
System Memory	1x DDR3-1066 (N54L) SO-DIMM, Max. 4GB (Non-ECC)
System Chipset	AMD 785E+SB820M
BIOS	AMI BIOS
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slots	1x Mini PCI-E
VGA Controller	AMD 785E built-in Radeon HD4200 graphics core
VGA Memory	128MB DDR3 sideport frame buffer
Display Interface	Supports 24-bit dual channel LVDS Dual Link DVI-I (supports up to 2560x1600 resolution)
LAN Controller	2x Realtek 8111G PCI-E Gigabit LAN
Connector	2x RJ-45 on board
I/O Chipset	W83627DHG-P 1x RS232, 1x RS-232/422/485, 2x SATA III
USB	4x ports on board Pin headers for 2 ports (USB 2.0)
Audio	AMD SB820M built-in HD audio engine + Realtek ALC662 audio code for 5.1 CH (Line-out, Line-in, Mic.)
Others	Digital I/O (4-in, 4-out), +12V DC-in
Dimensions	102mm x 147mm (4" x 5.8")
Max. Power Requirement	AMD Turion™ II Neo N54L 2.2GHz w/ 4GB DDR3-1333 +12V: 3.30A
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	10%~90% (non-condensing)

## Ordering Information

IB889-22	AMD Turion™ II Neo N54L (2.2GHz), 785E, 3.5" Disk-Size SBC w/ DVI and dual PCI-E Gigabit LAN
IB62	Cable kit for IB889, w/ SATA + power cable, COM, USB, audio, power cable
HSIB889-BGA	Heatsink for IB889 with fan

## IB550

Intel® Atom™ N270 3.5" Disk-Size SBC with  
Intel® 945GSE Chipset

## Features

- Embedded AMD Geode™ LX processor, 500MHz (LX800)
- 1x DDR SO-DIMM, Max. 1GB
- Realtek RTL8100C 10/100BaseT LAN
- Integrated LX800 2D VGA controller, supports GRT and TFT LCD display
- 4x USB 2.0, 4x COM, 2x SATA, 1x CF socket
- 1x PCI-104, Watchdog timer, Digital I/O



## Specifications

CPU	AMD Geode™ LX800, 500MHz
System Memory	1x DDR SO-DIMM, Max. 1GB (Non-ECC)
System Chipset	AMD CS5536 chipset
BIOS	Award
Watchdog Timer	256 levels
SSD	CF type II socket
H/W Monitor	Yes
Expansion Slots	1x PC-104
VGA Controller	LX800 built-in 2D graphics controller
VGA Memory	Shared memory Max. 64MB
Display Interface	DF13-20 pin-header for LVDS support 44-pin header for TFT LCD panel
Controller	Realtek RTL8100C-LF, 10/100Mbps
Connector	RJ-45 on board
I/O Chipset	AMD CS5536 + Winbond W83627HF + Fintek F81216AD 1x KB/mouse, 1x LPT, 3x RS232, 1x RS-232/422/485, 2x SATA
USB	2 ports on board Pin headers for 2 ports (USB 2.0)
Audio	Built-in audio + ALC203 codec
Others	IrDA, Digital I/O (4-in/4-out), +12V DC-in
Dimensions	102mm x 145mm (4" x 5.7")
Max. Power Requirement	AMD Geode LX800 500MHz w/ 1GB DDR +12V: 1.77A
Operating Temperature	0°C~60°C (32°F~140°F)
Relative Humidity	-20°C~80°C (-4°F~176°F)
Relative Humidity	10%~90% (non-condensing)

## Ordering Information

IB550F	AMD Geode™ LX800, 500MHz, 3.5" Disk-Size SBC w/ SATA, audio, VGA and 10/100 LAN, 18-bit LVDS
IB61	Cable kit for IB550F, w/ SATA + Power cable, COM, USB, audio, power cable
CSB100-550	Steel Chassis for IB550F 3.5" Disk-Size SBC, 2.5" 160GB SATA HDD, 60W power adaptor

\* The AMD Geode™ LX800 @0.9W processor operates at a maximum power of 3.6W (TDP)