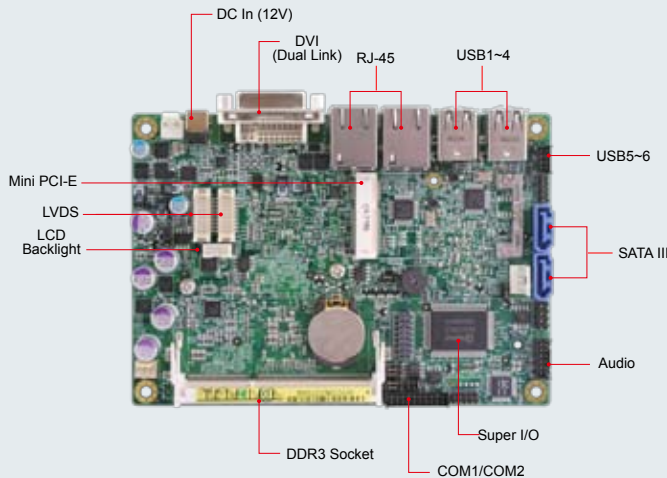


# Disk-Size SBCs

AMD Athlon™ II-Based

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

## IB889



### 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

### System

CPU	AMD Turion™ II Neo N54H processor onboard (2.2GHz) AMD Athlon™ II Neo N36L processor onboard (1.3GHz)
System Memory	1x DDR3-800 (N36L) / DDR3-1333 (N54H) 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

### Graphics

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)

### Ethernet

LAN Controller	2x Realtek 8111DL PCI-E Gigabit LAN
Connector	2x RJ-45 on board

### Multi I/O

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

### Mechanical and Environmental

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

IB889-13	AMD Athlon™ II Neo N36L (1.3GHz), 785E, 3.5"-inch Disk Size SBC w/ DVI and dual PCI-E Gigabit LAN
IB889-22H (By request w/ MOQ)	AMD Turion™ II Neo N54H (2.2GHz), 785E, 3.5"-inch Disk Size SBC w/ DVI and dual PCI-E Gigabit LAN
IB889-22	AMD Turion™ II Neo N54L (2.2GHz), 785E, 3.5"-inch Disk Size SBC w/ DVI and dual PCI-E Gigabit LAN
HSIB889-BGA	Heatsink for IB889 with fan
IB62	Cable kit for IB889 series, w/ audio, USB, COM, power cable and SATA



Remarks: Specifications are subject to change without prior notice.

- 1 Motherboards
- 2 Disk-Size SBCs
- 3 CPU Modules
- 4 PC/104 Plus
- 5 CPU Card
- 6 Embedded Systems
- 7 Network Security Appliance