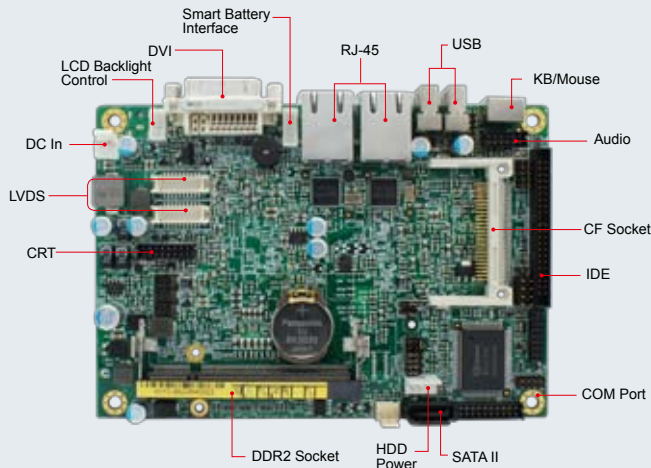


# Disk-Size SBCs

AMD Athlon™-Based

AMD Athlon™ Neo X2 3.5-inch Disk Size SBC w/ AMD M690E Chipset

## IB885



### Features

- Supports AMD Athlon™ Neo X2 L325 processor, 1.5GHz, 800MHz FSB
- 1x DDR2 SO-DIMM, Max. 2GB memory
- AMD M690E VGA for CRT / LVDS / DVI
- 2x Realtek PCI-E Gigabit LAN
- 1x SATA II, 4x USB 2.0, 2x COM, Watchdog timer
- Digital I/O, LPC, Smart battery interface

### System

CPU	AMD Athlon™ Neo X2 L325 processor (1.5GHz)
System Memory	1x DDR2 SO-DIMM, 400MHz, Max. 2GB
System Chipset	AMD M690E + SB600, 800MHz FSB
BIOS	Award
Watchdog Timer	256 levels
SSD	CF socket
H/W Monitor	Yes
Expansion Slots	N/A

### Graphics

VGA Controller	AMD M690E integrated Radeon™ X1200 series
VGA Memory	Shared memory, Max. 1GB
Display Interface	Available in combination of Analog/CRT, 24-bit dual channel LVDS Onboard DVI, CRT via pin header

### Ethernet

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

### Multi I/O

Chipset	AMD SB600, Winbond W83627EHG 1x IDE, 1x KB, 1x mouse, 1x RS232, 1x RS-232/422/485, 1x SATA II
USB	2 ports on board Pin header for 2 ports (USB 2.0)
Audio	AMD SB600 built-in HD audio w/ Realtek ALC662 codec for 5.1CH
Others	Digital I/O (4-in/4-out), +12V DC In

### Mechanical and Environmental

Dimensions	102mm x 148mm (4" x 5.9")
Max. Power Requirement	AMD Athlon™ Neo X2 L325 (1.5GHz) w/ 1GB DDR2-533 +12V: 3.39A
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

IB885D	AMD Athlon™ Neo X2 L325 1.5GHz 3.5-inch Disk Size SBC w/ VGA and dual PCI-E Gigabit LAN
IB48	Cable kit for IB885 series, w/ IDE, PS/2, audio, USB, VGA, COM, power cable and SATA
HSIB885-BGA	Heatsink for IB885 BGA
ID394-R	LPC interface adapter card for 4x COM



#### Remarks:

1. For optional daughter boards and riser cards, please refer to page 19-20.
2. Specifications are subject to change without prior notice.

