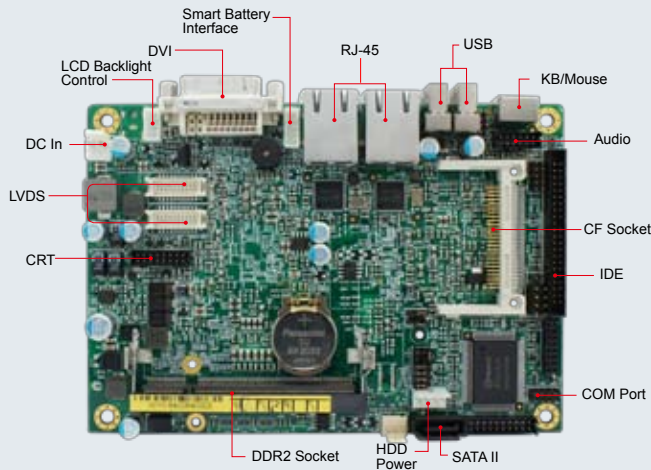


Disk-Size SBCs

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 Sempron™ 210U 1.5GHz w/ 1GB DDR2 +12V: 2.64A |
| 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.

