



Industrial Half-Size PISA SBC supports Intel Atom Processors, integrated 2D/3D graphics, DVI & LVDS interface, Gigabit LAN



Features

- Supports Intel Atom Processor
- Optional Dual Gigabit Ethernet supported
- 2 COM and 6 USB 2.0 ports
- Mini PCI & CompactFlash socket
- DVI & LVDS & HDTV Interface

CPU

- Onboard Intel Atom N270 1.6GHz CPU
- 533MHz Front Side Bus

Chipset

- Intel 945GSE & ICH7M

System Memory

- 1 x 200-pin SO-DIMM supports DDR2 533 up to 2GB

Display Interface

- Integrated Intel GMA950 Graphics
- Up to 224MB frame buffer size shared with system memory
- Onboard DVI connector, 18-bit LVDS and HDTV interface

Audio

- Intel ICH7M integrated AC97 audio

Ethernet

- Optional Dual Gigabit Ethernet controllers

I/O Interface

- 1 x 44-pin IDE, 1 x FDD, 1 x LPT
- 2 x SATA ports with 150MBps transfer speed
- 1 x RS232 & 1 x RS232/422/485 serial ports
- 1 x PS/2 keyboard / mouse port
- 6 x USB 2.0 ports
- 8-bit digital I/O interface
- 1 x CompactFlash Type II socket

Environment Spec

- 0 ~ 60°C operation temperature
- Operation humidity under 10 % ~ 95 % relative humidity, non-condensing

Dimension

- 185 x 122mm

Ordering Information

SBH-4228AGNLD	Half size SBC with Intel Atom N270, DVI & LVDS, HDTV, Gigabit LAN, Audio
SBH-4228A2GNLD	Same as above and with Dual Gigabit LAN
DC-WFL1	Mini PCI 802.11b/g Wireless card with 10CM antenna
DC-WFL2	Mini PCI 802.11b/g Wireless card with 20CM antenna

