

# IB805 PC/104 SBC

Intel® Atom™ N270 PC/104 CPU Module w/ Intel® 945GSE Chipset



## Features:

• **Onboard Intel® Atom™ Processor N270, 1.6GHz speed, 533MHz FSB**

- 1x DDR2 SODIMM, Max. 1GB
- Intel® 82574L Gigabit LAN
- 2x SATA ports
- Integrated VGA , supports CRT and LVDS 4x USB 2.0, 2x COM
- 1x PCI104 on board and Watchdog

## IB805 SPECIFICATIONS

### CPU

Intel® Atom™ Processor N270, 1.6GHz

### Chipset

Intel® 945GSE + ICH7M

### BIOS

Award Software

### System Memory

1x DDR2 SO-DIMM, 533MHz, Max. 1GB

### VGA

Intel® 945GSE

integrated GMA950 LVD Supports CRT and 18-bit single channel LVDS

### LAN

Intel® 82574L PCIE Gigabit

### LAN

Pin header for Rj45

### Audio

Built-in Intel® HD Audio + ALC662 Codec for 5.1CH

### LPC/Multi I/O

ICH7M, Winbond W83627EHG, 2xSATA2, 1x KB, 1x Mouse, 2x RS232 Serial Ports, USB 4x USB 2.0 ports (via pin header)

### IrDA

N/A

### Watchdog

Timer 256 levels

### Form Factor

PC/104

### Dimensions

96mm x 90mm

### Power Consumption

TBD

### Operating Temperature

0°C~60°C (32°F~140°F)

### Storage Temperature

20°C~80°C (4°F~176°F)

### Relative Humidity

10%~90% (noncondensing)

## Ordering Information:

**IB805** Intel® Atom™ N270, 1.6GHz, PCI104 CPU Module, w/ VGA and Gigabit LAN

**IB55** Cable kit for IB805 series, w/ SATA, PS/2, Audio, VGA, USB, COM x2, Rj45

**HSIB804BGA** Heatsink for IB805 and Ib804

*Remarks: Specifications are subject to change without prior notice.*



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