

# HS-7006

Intel® Atom™ N270 processor PICMG1.0 Full-size SBC w/CF, Mini PCI, PC/104, DVI-I/CRT/LVDS, Dual Gigabit Ethernet, Audio, 4 COM, 8 USB

PICMG1.0 Full-size



## Features

- » Intel® Atom™ N270 processor
- » 2 x DIMM up to 2GB DDR2 SDRAM
- » Intel® 945GSE/ICH7-M system chipset
- » 18-bit dual-channel LVDS
- » Dual Gigabit Ethernet
- » ALC202A Codec
- » Hardware Monitor function
- » Option for DVI-I display

## System

### CPU

Intel® Atom™ N270 processor 1.6GHz

### Bus Interface

PICMG1.0 Full-size

### FSB

533MHz FSB

### BIOS

Award PnP Flash BIOS

### System Chipset

Intel® 945GSE/ICH7-M

### I/O Chipset

Winbond W83627EHG

### System Memory

2 x 240-pin DIMM, DDR2 533MHz, Max. 2GB

### Storage

1 x Type II CF socket

### Expansion Interface

1 x Type III mini PCI socket

1 x PC/104 slot

### GPIO

8-bit general purpose input/output port

### Watchdog Timer

Software programmable time-out intervals from 1~255 sec. or 1~255 min.

### H/W Status Monitor

Monitoring temperatures, voltages, and cooling fan status

### Power Function

AT/ATX power mode support

### Operating Temperature

0~60°C

### Operating Humidity

0~95%, non-condensing

### Board Size (LxW)

338 x 122 mm

## Display

### Chipset

Intel® 945GSE integrated Intel® GMA950

### Display Memory

DVMT3.0 up to 224MB video memory

### LVDS

18-bit single/dual-channel

### DVI

Chrontal CH7307 (option)

### Resolution

VGA Mode: 2048 x 1536

## Audio

### Chipset

RealTek ALC202A

### Audio Interface

MIC In, Line Out

## Ethernet

### Chipset

Dual RealTek RTL8111C Gigabit Ethernet

### Ethernet Interface

2 x RJ-45

## Ordering Information

### HS-7006

PICMG1.0 Full-size SBC w/Atom™ 1.6GHz CPU, CF, CRT, Dual Gigabit Ethernet, Audio

### HS-7006/DVI-I

PICMG1.0 Full-size SBC w/Atom™ 1.6GHz CPU, CF, DVI-I, Dual Gigabit Ethernet, Audio

### Accessory Options

IDE Cable, SATA Cable, Parallel Cable, COM Cable, USB Cable

## I/O Interface

### I/O Port

3 x RS-232

1 x RS-232/422/485

8 x USB2.0

1 x IDE

2 x SATA

1 x Parallel

1 x PS/2 for KB/MS