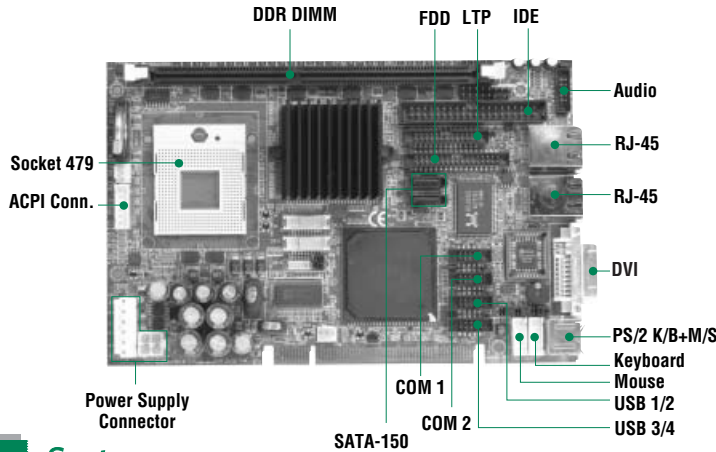


# SBC82810

Pentium® M PCI CPU card with DualView, Dual LAN, DVI and SATA-150



*New*



## Features

- ▶ Fanless with LV/ULV onboard CPUs
- ▶ DualView with different content & resolution
- ▶ SATA-150 supported with RAID supported
- ▶ Dual Ethernet as Fast Ethernet and Gigabit option
- ▶ DMA mode CompactFlash™ and powered IDE interface for 40-pin DiskOnModule supported

## Packing List

- Quick installation guide
- Manual, driver & utility CD
- I/O cable kit (1 x SATA-150 cable, 1 x SATA power cable, 1 x 40-pin IDE flat cable, 1 x 34-pin FDD flat cable, 1 x COM cable + printer cable in one bracket, 2 x USB 2.0 cable)

## Ordering Information

Standard	
SBC82810VEA	SBC82810 with Socket 479, DVI, Fast Ethernet and audio
SBC82810VEE	SBC82810 with Socket 479, DVI and dual Fast Ethernet
SBC82810VEA-600E	SBC82810 with Intel® Celeron® M 600MHz, DVI, Fast Ethernet and audio
Optional	
SBC82810VGG	SBC82810 with Socket 479, DVI and dual Gigabit Ethernet
ATX6021/4	4-slot passive backplane
ATX6021/5	4-slot passive backplane
DVI Adapter	DVI-to-CRT & DVI Y-cable
CK9A003	1 x audio cable, 2 x USB 2.0 cable
Enclosure Options	
AX6033	4-slot MicroBox with 70W AC P/S
AX60530	6-slot MicroBox with 150W AC P/S
EM60320D	Embedded MicroBox with AC 70W P/S

## System

CPU	* Socket 479 for Intel® Pentium® M and Intel® Celeron® M processors for 400MHz FSB * LV/ULV BGA type onboard P-M/C-M CPUs
System Memory	1x184-pin DDR DIMM max. up to 1GB
Chipset	Intel® 855GME/852GM + 6300ESB
BIOS	Phoenix-Award 4Mbit flash with SmartView, RPL & PXE Ethernet Boot ROM, SmartView and customer CMOS backup
SSD	CompactFlash™ Type-II Socket with DMA supported
Board Unique ID	Board unique ID supported
Watchdog Timer	System reset and SMI; 1024 levels, 0~600 seconds
Expansion Interface	PCI golden finger expansion interface
Battery	Lithium 3V/196 mAh
Size/Weight	185x 122 mm
Temperature	0~60°C, operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

## I/O

MIO	2 x SATA-150 IDE, 1 x PATA-100 IDE, 1 x FDD, 1 x K/B + M/S, 1 x RS-232, 1 x RS-232/422/485 with auto flow control, 1 x LPT, 1 x IrDA
Ethernet	Max. up to 2 x Realtek RTL8100C Fast Ethernet with RJ-45 connectors supports WOL via ATX power supply; RPL/PXE Boot ROM (Optional dual RTL8110S for Gigabit)
Audio	AC'97 Codec Audio
USB	4 x ports; USB 2.0 compliant

## Display

Chipset	Integrated in Intel® 855GME/852GM
Memory Size	Max. up to 64MB frame buffer sharing system memory
Resolution	* Single Display Mode: CRT: 2048 x 1536@75Hz; LVDS LCD: 1600 x 1200@60Hz; DVI: 2048 x 1536 * DualView Mode: CRT: 2048 x 1536@75Hz; LVDS LCD: 1600 x 1200@60Hz; 2048 x 1536
Output Interface	* CRT connector for DAC output * LVDS interface for 18/36-bit TFT LCD * DVI port combined with CRT

## Dimensions

