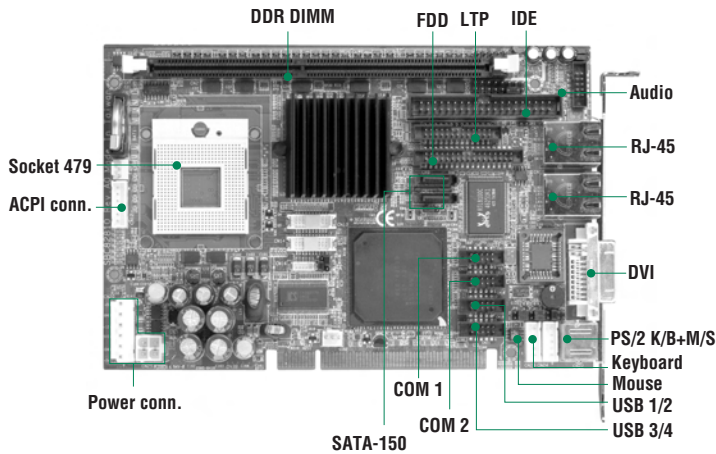


SBC82810

Socket 478 Intel® Pentium® M PCI CPU Card with DualView,
Dual Ethernet, DVI and SATA-150



System

CPU	Socket 478 for Intel® Pentium® M/Celeron® M processor with FSB 400 MHz
System Memory	1 x 184-pin DDR DIMM max. up to 1GB(ECC & DDR333 supported by 855GME only)
Chipset	Intel® 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
Watchdog Timer	System reset and SMI; 1024 levels, 0~600 seconds
Expansion Interface	PCI golden finger expansion interface
Battery	Lithium 3V/196 mA
Size	185 x 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 RTL8110SC for Gigabit)
Audio	AC'97 codec audio
USB	4 USB 2.0 ports

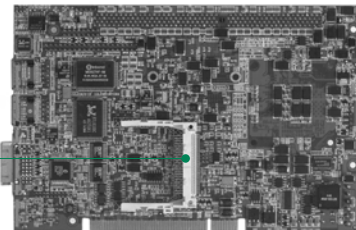
Display

Chipset	Integrated in Intel® 855GME/852GM
Memory Size	Max. up to 64MB frame buffer sharing system memory
Resolution	CRT: 1920 x 1440@60Hz; LVDS LCD: 1400 x 1050@60Hz; DVI: 1400 x 1050
Output Interface	LVDS interface for TFT LCD DVI-I port combined with CRT

Features

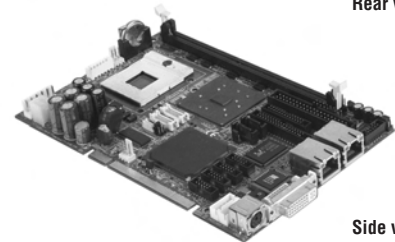


- ▶ Socket 478 for Intel® Pentium® M/Celeron® M processor with FSB 400MHz
- ▶ Intel® 852GM+6300ESB chipset
- ▶ DualView with different content & resolution
- ▶ SATA-150 supported with RAID function
- ▶ Dual Ethernet as Fast Ethernet and Gigabit option
- ▶ DMA mode CompactFlash™ and IDE interface for 40-pin DiskOnModule®



CF type-II

Rear view



Side view

Packing List

- Quick installation guide
- Manual, driver & utility CD and cable kit (refer to cable list in chapter 9)

Ordering Information

Standard	
SBC82810DEA	Socket 478 half-size SBC with DVI, Fast Ethernet and audio
SBC82810DEE	Socket 478 half-size SBC with DVI and dual Fast Ethernet
SBC82810DEA-600	Half-size SBC with Intel® Celeron® M 600 MHz/512KB CPU, DVI, Fast Ethernet and audio
Optional	
SBC82810DEA-1GE	Half-size SBC with Intel® Celeron® M 1GHz/0KB CPU, DVI, Fast Ethernet and audio
SBC82810DGG	Socket 478 half-size SBC with 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, 4 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 180W P/S