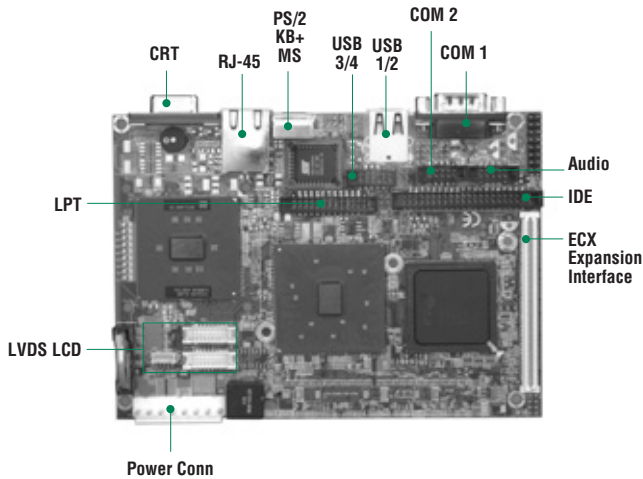


SBC84810

Intel® Pentium® M Embedded SBC with DualView and Audio



- P-M/C-M
- Ethernet
- DualView
- AC'97 Audio
- CompactFlash™
- 4 USB
- 2 COM

Features

- ▶ LV/ULV fanless Intel® Pentium® M/Celeron® M processor onboard
- ▶ DualView with different content & resolution
- ▶ 4 COM ports via stacking kit
- ▶ Dual LVDS option via stacking kit
- ▶ Mini PCI expansion via stacking kit

Packing List

Quick installation guide
 Manual, driver, Utility CD and Cable Kit (1 x 8-pin Power Adapter, 1 x 44-pin IDE, 1 x Audio, 1 x COM port, 1 x Printer, 2 x USB)

System

CPU	LV/ULV Intel® Pentium® M/Celeron® M processor onboard
System Memory	1 x 200-pin DDR266 SODIMM max. up to 1GB
Chipset	Intel® 852GM + ICH4
BIOS	Phoenix-Award 4Mbit with RPL/PXE LAN Boot ROM, SmartView and Customer CMOS Backup
SSD	CompactFlash™ Type-II Socket with DMA supported
Watchdog Timer	Reset supported; 255 levels
Expansion Interface	ECX expansion interface for DVO B/C, PCI and LPC
Battery	Lithium 3V/196 mAH
Size	146 x 104 mm
Temperature	0~60°C, operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

I/O

MIO	1 x PATA-100 IDE, 1 x FDD (optional), 1 x PS/2 K/B + MS, 2 x COM (1 x RS-232, 1 x RS-232/422/485), 1 x LPT optional 2 x COM (RS-232) via stacking kit (AX93200)
Ethernet	*Onboard Realtek RTL8100C Fast Ethernet controller; optional with RTL8110S Gigabit Ethernet *Optional 2nd Ethernet with RTL8100C/8110S via kit (AX93201)
Audio	AC'97 Codec Audio
USB	4 USB 2.0 ports via box-header for wiring solution
Digital I/O	2 channel IN and 4 channel OUT

Display

Chipset	Integrated in Intel® 852GM GMCH
Memory Size	Max. up to 64MB frame buffer sharing system memory
Resolution	*Single Display Mode (max. up to): CRT: 2548 x 1536; LVDS LCD: 1600 x 1200 *DualView Mode (max. up to): CRT: 2548 x 1536; LVDS LCD: 1600 x 1200
Output Interface	*CRT connector for DAC output *LVDS LCD for 18/36/24/48-bit TFT LCD *Optional 2 nd 48-bit LVDS LCD mode via stacking kit (AX93200)

Ordering Information

Standard	
SBC84810VEA-1GEL	With C-M 1GHz/0KB CPU, CRT/LVDS LCD, Fast Ethernet, AC'97 Audio and 2 COM ports
SBC84810VEA-600L	With C-M 600MHz/512KB CPU, CRT/LVDS LCD, Fast Ethernet, AC'97 Audio and 2 COM ports
Optional	
SBC84810VEA-1GL	With ULV 373 C-M 1GHz CPU, CRT/LVDS LCD, Fast Ethernet, AC'97 Audio and 2 COM ports
SBC84810VEA-1G	With ULV 373 C-M 1GHz CPU, CRT/LVDS LCD, Fast Ethernet, AC'97 Audio and 4 COM ports (AX93200C)
SBC84810VEEA-1G	With ULV 373 C-M 1GHz CPU, CRT/LVDS LCD, Fast Ethernet, AC'97 Audio and AX93201 2 nd LAN kit

Dimensions

