SBC82631

Socket 370 ISA CPU Card with Dual Ethernet

Socket 370	Dual Ethernet		DOC	
	CRT/LCD	ISA	PC/104	2 COM

Board layout labels:
IDE Port · Floppy Port · LCD Conn. · COM1 · 168-pin DIMM · COM2 · ZIF Socket 370 · RJ-45 · CPU Fan Conn. · Parallel Port · CRT Conn. · IrDA · PS/2 K/B & M/S Conn. · Power Supply · Ext K/B Conn. · ACPI Conn. · PC/104 Conn. · DOC · USB Port
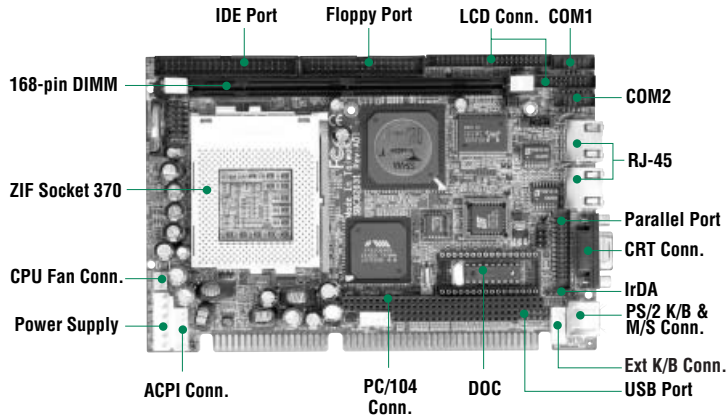
Features

▶ **Socket 370 for Intel® Celeron®/ Pentium® III and VIA C3 processor**
▶ **Supports CRT / LCD (TFT/STN/DSTN)**
▶ **Supports Dual Gigabit Ethernet and fast Ethernet**

System

CPU	Socket 370 for Intel® Celeron®/ Pentium® III and VIA C3 processor; 533~1.4GHz
System Memory	1 x 168-pin SDRAM, max. up to 512MB
Chipset	VIA VT8606 (Twist-T) + VT82C686B
BIOS	Phoenix-Award 4Mbit with RPL/PXE LAN boot ROM, SmartView and customer CMOS backup
SSD	DiskOnChip®
Watchdog Timer	System rest and NMI; 64 Levels, 0.5~8 / 5~80 / 50~800 / 100~1600 Seconds
Extension Interface	PC/104 and ISA Golden Finger expansion interface
Battery	Lithium 3V/196 mAH
Size/Weight	185mm x 122mm / 0.3 kg
Temperature	0~60°C, operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

I/O

MIO	1 x ATA-100 IDE, 1 x FDD, 1 x K/B + M/S, 1 x RS-232, 1 x RS-232/422/485, 1 x LPT, 1 x IrDA
Ethernet	RTL8100C, 10/100Base-T with WOL and boot ROM features
USB	2 x USB ports; USB 1.1 compliant

Display

Chipset	VIA Twister chip with integrated S3 Pro Savage4 2D/3D/Vedio accelerator
Memory Size	8/16/32MB frame buffer sharing system memory
Resolution	CRT mode: 1280 x 1024 @ 16bpp (60Hz), 1024 x 768 @ 16bpp (85Hz) LCD/Simultaneous mode: 1600 x 1200 @ 16bpp (60Hz), 1024 x 768 @16bpp (60Hz), 1080 x 1024 @ 16bpp (60Hz)
Output Interface	AGP-4X CRT/LCD interface, support for 9, 12, 18, 24, 36-bit TFT and 16 or 24-bit DSTN panels up to SXGA resolution

Packing List

Quick installation guide
Manual, driver & utility CD
I/O cable kit (1x40-pin IDE, 1x34pin FDD, 1xCOM+LPT with bracket)

Ordering Information

Standard	
SBC82631VEE	With integrated VGA for CRT/LCD output, 2 RTL8100C for fast Ethernet
SBC82631VE	With CRT/LCD and fast Ethernet
Optional	
SBC82631VGE	With integrated VGA for CRT/LCD output, RTL8110S for Gigabit and RTL8100C for fast Ethernet
CK9A000	1 x COM + 2 x USB wiring kit
PK8980	LCD kit for 18-bit TTL LCD with Hirose DF9-41P-1V connector
PK95000-24	LCD kit for 24-bit single channel LVDS
PK95000-48	LCD kit for 48-bit dual channel LVDS
ATX6021/4	4-slot passive backplane
ATX6021/5	5-slot passive backplane
04310016900L	CPU cooler for PIII
Enclosure Options	
AX6033	4-slot MicroBox with 70W AC P/S
AX60530	6-slot MicroBox with 150W AC P/S
EM60320E	Embedded MicroBox with 70W AC P/S

Dimensions

* All the specifications and photos are subjected to be changed without notice.