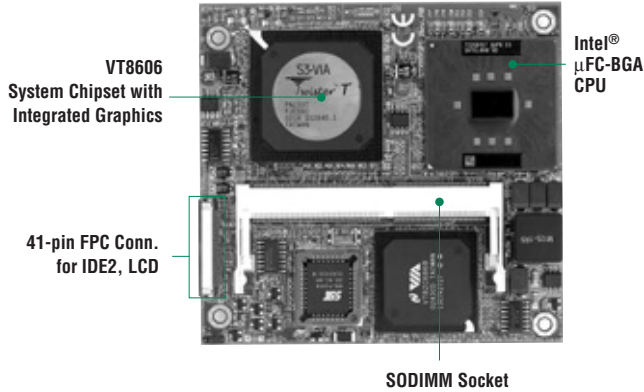


# STX8860 I

Intel®  $\mu$ FC-BGA SoM with Multiple I/O Features



- μFC-BGA
- Ethernet
- CRT/LCD/TV
- AC-Link
- 16-bit ISA
- 32-bit PCI
- 2 UARTs



## Features

- ▶ Ultra low power processor onboard
- ▶ CRT, LCD
- ▶ 10/100Base-T Ethernet
- ▶ AC-Link interface for external audio
- ▶ 2 UARTs and 4 USB 1.1a supported
- ▶ PCI master and ISA bus expansion

## Packing List

- Quick installation guide
- Manual, driver and Utility CD

## System

CPU	Intel® $\mu$ FC-BGA Celeron® 400/650MHz or Pentium® III 933MHz processor onboard
System Memory	1 x SDRAM SODIMM, max. up to 512MB
Chipset	VIA VT8606 (Twister-T) + 82C686B
BIOS	Phoenix-Award 4Mbit with RPL/PXE LAN boot ROM, SmartView and customer CMOS backup
Expansion Interface	PCI and ISA through STX interfaces
Battery	Lithium 3V/196 mAH
Size	96 x 90 mm
Temperature	0~60°C, operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

## I/O

MIO	2 x ATA-100 IDE, 1 x FDD, 1 x K/B + M/S, 2 x UARTs, 1 x LPT, 1 x IrDA
Ethernet	RTL8139C+, 10/100Base-T with WOL
Audio	AC-Link interface for external AC'97 Audio Codec
USB	4 USB 1.1a ports

## Display

Chipset	VIA Twister chip with integrated S3 Savage4 2D/3D/Video Accelerator
Memory Size	8/16/32 MB frame buffer sharing system memory
Resolution	* CRT mode: 1920 x 1440 @ 16bpp (60Hz), 1024 x 768 @ 16bpp (85Hz) * LCD/Simultaneous mode: 1280 x 1024 @ 16bpp (60Hz), 1024 x 768 @ 16bpp (60Hz)
LCD Interface	AGP-4X CRT/LCD interface, support for 9, 12, 18, 24, 36-bit TFT
TV-out (option)	Supports both NTSC/PAL, S-Video and composite Video via 41-pin FPC interface

## Ordering Information

Standard	
STX88601VEA-400 (Fanless)	With Intel® Celeron® 400MHz CPU, CRT/LCD, Ethernet and AC-Link interface
STX88601VEA-650 (Fanless)	With Intel® Celeron® 650MHz CPU, CRT/LCD, Ethernet and AC-Link interface
Optional	
STX88601VEA-933 (with Fan)	With Intel® PIII 933MHz CPU, CRT/LCD, Ethernet and AC-Link interface
E388601108	STX88601-650 extended temperature -25°C~70°C
STB86600	ATX form factor Baseboard
STB97101	5.25" petit form factor Baseboard with 3 Mini PCI & Double Deck CardBus
STB97100	5.25" petit form factor Baseboard
STB97200	3.5" capa form factor Baseboard
STB97300	PC/104 form factor Baseboard

## Dimensions

