

STB86600

ATX F.F. STX Baseboard with Multiple I/O Features

1

Embedded Computing Platforms



ECP Services and Solutions

System-on-a-Module Solutions

Mini ITX SBC

3.5" Capa Boards

EPIC Boards

5.25" Petit Boards

Half-size CPU Cards, Backplanes

PC/104 Modules

Mini PCI Modules

Accessories

Remote Field Controllers

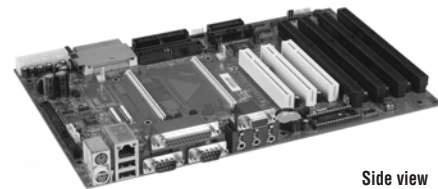
Embedded eBOX Systems & MicroBoxes

Power Supplies

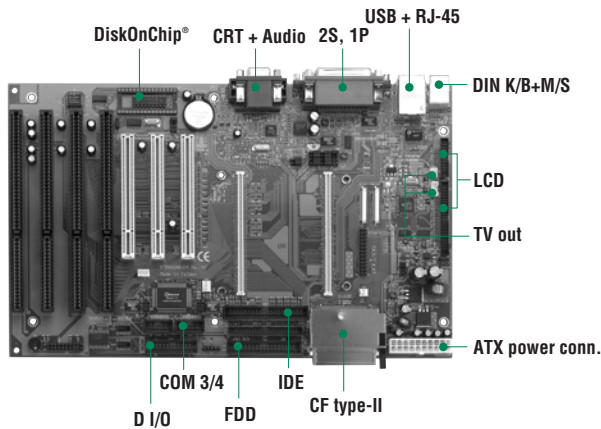
Appendix

Features

- ▶ CRT and LCD supported
- ▶ 10/100Base-T Ethernet
- ▶ AC'97 Audio
- ▶ 4 COM ports
- ▶ DiskOnChip® and CompactFlash™



Side view



System

CPU	STX SoM
SSD	DiskOnChip® and CompactFlash™
Watchdog Timer	0.5~1600 sec with 64 levels; system reset or NMI
Expansion Interface	3 x 32-bit PCI 2.2 and 4 x 16-bit ISA
Battery	Lithium 3V/196 mAH
Size	305 x 220 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, 1 x M/S, 3 x RS-232, 1 x RS-232/422/485, 1 x LPT, 1 x IrDA
Ethernet	1 RJ-45 for 10/100Base-T
Audio	AC'97 Codec Audio
USB	2 USB 1.1a ports
Digital I/O	8 channel IN and 8 channel OUT
Display	D-Sub 15-pin for CRT; 44+20-pin box-header for TTL-level LCD

Packing List

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

Ordering Information

Standard	
STB86600VEA	STX Baseboard with CRT/LCD Ethernet and audio
Optional	
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