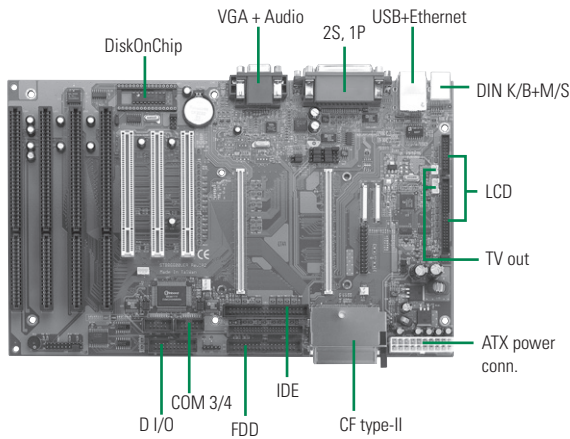


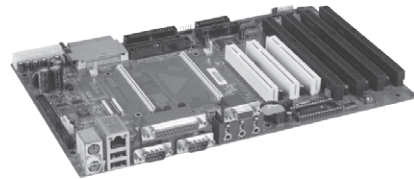
# STB86600

ATX Form Factor STX Baseboard with Multiple I/O Features



## Features

- VGA and LCD supported
- One 10/100Mbps Ethernet
- AC'97 Audio
- 4 COM ports
- DiskOnChip and CompactFlash™



▲ Side view

## System

CPU	STX SoM
SSD	1 x DiskOnChip® 1 x CompactFlash™
Watchdog Timer	0.5~1600 sec with 64 levels; system reset or NMI
Expansion Interface	3 x 32-bit PCI 2.2 4 x 16-bit ISA
Battery	Lithium 3V/220 mAH
Size	305 x 220 mm
Board Thickness	1.6 mm
Temperature	0° ~ +60°C (32°F ~ 140°F), operation
Relative Humidity	10% ~ 95% relative humidity, non-condensing

## I/O

MIO	2 x IDE; PATA-100 1 x FDD 1 x PS/2 keyboard 1 x PS/2 mouse 3 x RS-232 (COM 2/3/4) 1 x RS-232/422/485 (COM 1) 1 x LPT; with SPP/EPP/ECP supported 1 x IrDA
SATA	N/A
Hardware Monitoring	Provided by CPU module
Ethernet	10/100Mbps
Audio	AC'97 Codec audio as MIC-in/Line-in/Line-out/Speaker-out with VIA VT1612A
USB	2 x USB 1.1a
Digital I/O	8 channels IN and 8 channels OUT
Display	D-Sub 15-pin for CRT; 44+20-pin box-header for TTL-level LCD

## Packing List

### Standard

Quick installation guide, user's manual/utility CD, cable

### Cable

Part Number	Description	Qty
59382601000E	Ultra DMA66 IDE cable 40-pin 455 mm	1
59381400000E	FDD cable, P=2.54, L=300 mm	1
59484500010E	44-44-40 Pin IDE cable L=200 mm+200 mm	1
59408660010E	FFC 41P cable, L=60 mm	1
59408660020E	FFC 41P cable, L=60 mm reverse	1
59380703000E	COM port x 2 w/ bracket	1
59408660110E	S video cable+wafer 4P 2.0 mm, L=300 mm	1
59408660100E	RCA cable+wafer 2P 2.0 mm, L=300 mm RC	1

## Ordering Information

### Standard

STB86600VEA (P/N: E386600100)	STX Baseboard with VGA/LCD, 10/100Mbps and audio
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### 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

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Appendix