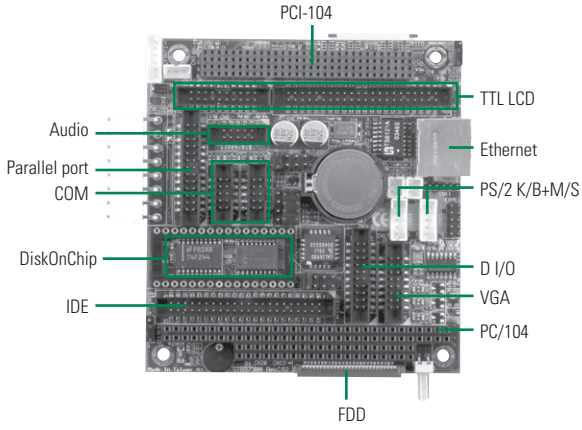
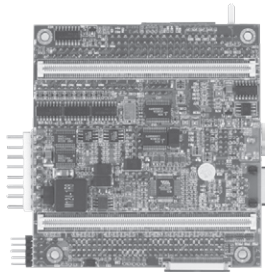
STB97300

PC/104 Form Factor STX Baseboard with Multiple I/O Features



Features

- VGA and LCD supported
- 1 10/100Mbps Ethernet
- AC'97 Audio
- DiskOnChip®
- PC/104 and PCI-104 expansion



▲ Rear view

System

CPU	STX SoM
SSD	DiskOnChip®
Watchdog Timer	0.5~1600 sec with 64 levels; system reset or NMI
Expansion Interface	1 x PC/104 and PCI104 1 x PCI104 for 32-bit PCI 1 x PC/104 for 8/16-bit ISA
Battery	Lithium 3V/220 mAH
Size	96 x 90 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	1 x IDE; PATA-100 1 x FDD 1 x PS/2 keyboard 1 x PS/2 mouse 1 x RS-232 (COM 1) 1 x RS-232/422/485 (COM 2) 1 x LPT; with SPP/EPP/ECP supported 1 x IrDA
SATA	N/A
Hardware Monitoring	Provided by CPU module
Ethernet	1 RJ-45 for 10/100Mbps
Audio	AC'97 codec audio as Mic-in/Line-in/Speaker-out with VIA VT1612A
USB	2 x USB 1.1a
Digital I/O	8 channels IN and 8 channels OUT
Display	16-pin box-header 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
59408000090E	FFC 26P cable, L=290mm	1
59408000010E	FFC 26P cable, L=210mm	1
59408660010E	FFC 41P cable, L=60mm	1
59384500000E	COM + printer cable w/ bracket 2.0 pitch	1
59397300110E	USB cable w/ bracket, L=215mm	1
59384500100E	Audio cable w/ bracket 2.0 pitch 450mm	1
59381560000E	DIN 6P to 6P PS/2 K/B+M/S	1
59397300200E	K/B & M/S cable, 2 x 5, P=2.0, L=300mm	1
59382620000E	COM port cable w/ bracket, P=2.0, L=300mm	1
59397300000E	VGA cable, L=180mm	1

Ordering Information

Standard

STB97300VEA (P/N: E3973000100)	STX Baseboard with VGA/LCD, 10/100Mbps, and AC'97 audio

Optional

59381550010E	USB Cable
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

Enclosure Option

EM60301	Extensible MicroBox for PC/104 F.F STX baseboards

* All specifications and photos are subject to change without notice.
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