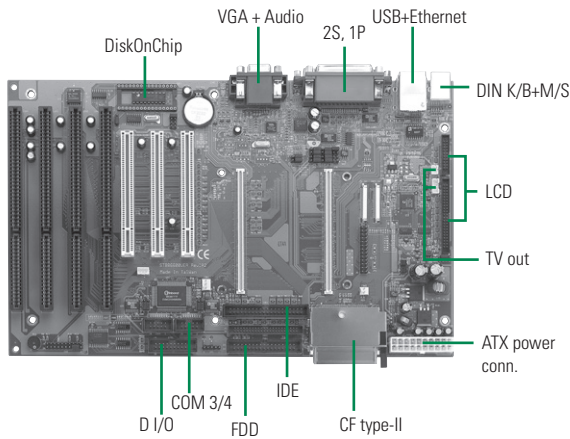


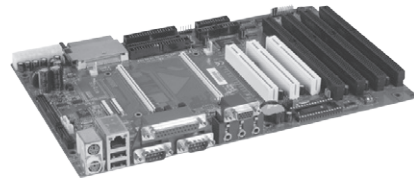
STB86600

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 |
|----------------------------------|--|

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