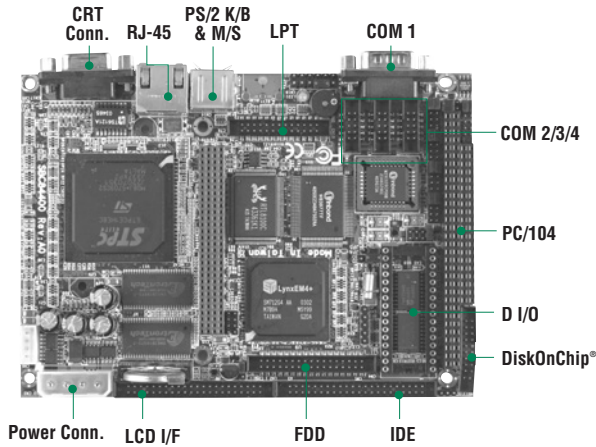


SBC84401

486 Embedded SBC with CRT/LCD, Fast Ethernet and 4 COM



- STPC
- Ethernet
- CRT/LCD
- 8 DI/O
- DOC & CF
- PC/104
- 4 COM

Features



- ▶ Low power fanless STPC Elite
- ▶ CRT and LCD supported
- ▶ 4 COM ports for various applications
- ▶ DiskOnChip® and CompactFlash™
- ▶ PCI104 and PC/104 expansion interface
- ▶ +5V only single voltage DC-in supported

System

CPU	STPC Elite, 133MHz
System Memory	1 x 144-pin SODIM max. up to 128MB Onboard SDRAM 32MB
Chipset	STPC Elite embedded
BIOS	Phoenix-Award 2Mbit with RPL/PXE LAN Boot ROM, SmartView and customer CMOS backup
SSD	CompactFlash™ Type-II socket and DiskOnChip®
Watchdog Timer	System reset and NMI; 64 levels, 0.5~8/ 5~80/ 50~800/ 100~1600 seconds
Expansion Interface	PC/104 for ISA expansion; optional PCI104 interface
Battery	Lithium 3V/196 mAH
Size	146 x 104mm
Temperature	0~60°C, operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

Packing List

Quick installation guide
Manual, driver, utility CD & cables (1 x 44-pin IDE, 1 x 34-pin FDD, 1 x mini DIN-to-KB + MS, 3 x COM port, 1 x printer)

Ordering Information

Standard	
SBC84401VE	STPC SBC with CRT/LCD, Fast Ethernet (RTL8100C) and 4 COM ports

I/O

MIO	1 x EIDE, 1 x FDD, 1 x PS/2 K/B, 1 x PS/2 MS, 4 x COM (3 x RS-232, 1 x RS-232/422/485), 1 x LPT, 1 x IrDA
Ethernet	Realtek RTL8100C Fast Ethernet controllers

Display

Chipset	SMI 712G4
Memory Size	4MB frame buffer sharing system memory
Resolution	CRT mode: 1280 x 1024 @ 16bpp, 1024 x 768 @ 16bpp, 800 x 600 @ 16bpp LCD mode: 1280 x 1024 @ 16bpp, 1024 x 768 @ 16bpp, 800 x 600 @ 16bpp
LCD interface	Supports 3, 9, 12, 18, 24 bit TFT and 16 or 24 bit DSTN

Dimensions

