SBC82400
ISA STPC CPU Card with CRT and Fast Ethernet

Consumer II | Ethernet | ISA | CF & DOC | 2 COM
CRT | PC/104

IDE Port
FDD Port
LCD
COM 1
COM 2
RJ-45
Parallel Port
CRT Conn.
Power Supply
PS/2 K/B+ M/S Conn.
DOC
PC/104 Conn.
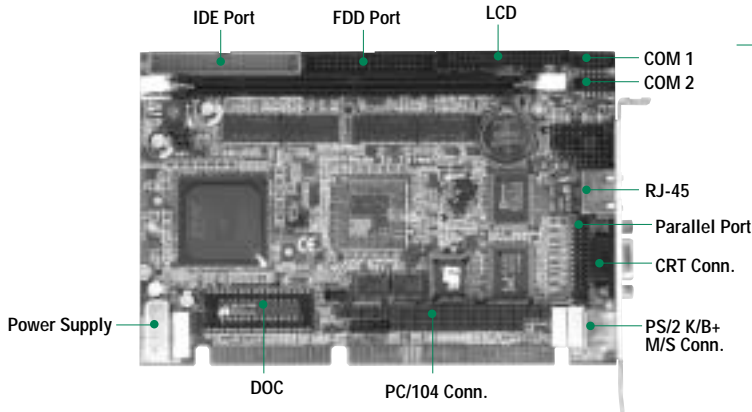
FEATURES

▶ **Low power STPC Consumer II**
▶ **Onboard 32MB SDRAM**
▶ **Supports CRT**
▶ **Supports 10/100Base-T fast Ethernet**
▶ **DiskOnChip® and CompactFlash™**
▶ **Fanless**
▶ **+5V-only power-input supported**

SYSTEM

CPU	STPC Consumer-II, 133MHz
System Memory	1st Bank: 32MB onboard SDRAM 2nd Bank: 1 x 168-pin SDRAM, max. up to total 128MB
Chipset	STPC Consumer-II embedded
BIOS	Phoenix-Award 2Mbit with RPL/PXE LAN boot ROM, SmartView and customer CMOS backup
SSD	DiskOnChip and CompactFlash
Watchdog Timer	System rest and NMI; 64 Levels, 0.5~8 / 5~80 / 50~800 / 100~1600 Seconds
Extension Interface	PC/104 and ISA Golden Finger expansion interface
Battery	Lithium 3V/196 mAH
Size/Weight	185mm x 122mm / 0.3 kg
Temperature	0~60˚C, operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

I/O

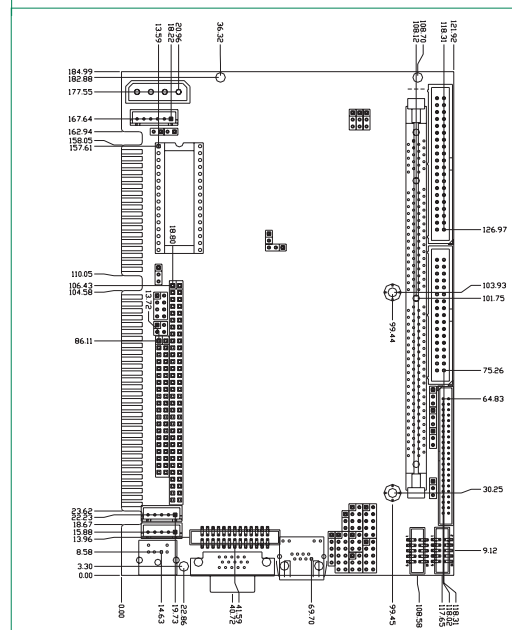|	
MIO	1 x EIDE, 1 x FDD, 1 x K/B + M/S, 1 x RS-232, 1 x RS-232/422/485, 1 x LPT, 1 x IrDA
Ethernet	RTL8100C, 10/100Base-T

DISPLAY

Chipset	STPC Consumer-II with integrated 2D/Video accelerator
Memory Size	1/2/4MB frame buffer sharing system memory
Resolution	CRT mode: 1280 x 1024 @ 8bpp, 1024 x 768 @ 8bpp

PACKING LIST

Quick installation guide
Manual, driver & utility CD
I/O cable kit (1x40-pin IDE, 1x34-pin FDD, 1x COM+LPT with bracket)

ORDERING INFORMATION

Standard

SBC82400V	With integrated VGA for CRT output
SBC82400VE	With integrated VGA for CRT output and RTL8100C fast Ethernet

Optional

PK8980	LCD kit for 18-bit TTL LCD with Hirose DF9-41P-1V connector
PK898A	LCD kit for 18-bit single channel LVDS LCD with Hirose DF9-41P-1V connector
PK95000-24	LCD kit for 24-bit single channel LVDS
AX6033	4-slot MicroBox with 70W AC P/S
AX60530	6-slot MicroBox with 150W AC P/S
EM60320D	Embedded MicroBox with 70W AC P/S
ATX6020/4	4-slot passive backplane
ATX6020/6	6-slot passive backplane

DIMENSIONS

* All the specifications and photos are subjected to be changed without notice.