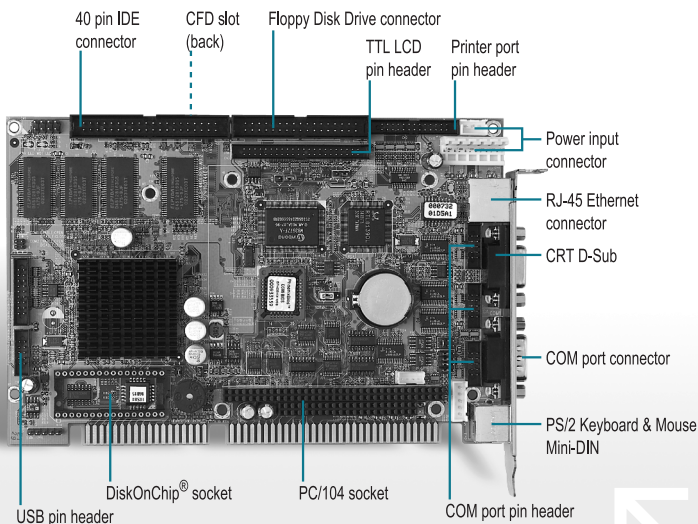


HSB-440I

Industrial Computing Platform Partner

STPC® Atlas System-on-Chip



Features

- Onboard STPC® Atlas System-on-Chip
- 18-bit TTL TFT LCD
- Supports PC/104 slot
- Supports Type II CompactFlash™ and DiskOnChip® Memory
- 4 COM / 2 USB / Digital I/O
- +5V only operation

Specifications

System	
CPU	Onboard STPC® Atlas 133MHz System-on-Chip
System Memory	Onboard 64MB SDRAM
Chipset	STPC® Atlas System-on-Chip
I/O Chipset	Winbond W83977F
Ethernet	Realtek 8139DL/8100BL, 10/100Base-TX RJ-45 connector x 1
BIOS	AWARD 256KB FLASH ROM
Watchdog Timer	Generates a time-out system reset
H/W Status Monitoring	N/A
SSD	Type II CompactFlash™ slot x 1, DiskOnChip® up to 1GB
Expansion Interface	ISA interface, PC/104 socket x 1
Battery	Lithium battery
Power Requirement	+5V, AT
Board Size	7.3"(L) x 4.8"(W) (185mm x 122mm)
Gross Weight	0.7lb (0.3kg)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Display	
Chipset	STPC® Atlas System-on-Chip
Memory	Shared system memory up to 4MB
Resolutions	up to 1024x768@16bpp colors for CRT up to 800x600@18bpp colors for LCD
LCD Interface	up to 18-bit TTL TFT LCD
I/O	
MIO	ELIDE x 1(PIO-Mode4 x 1), Floppy Disk Drive x 1, Keyboard+Mouse x 1, RS-232 x 3, RS-232/422/485 x 1, Parallel x 1
IrDA	One IrDA TX/Rx header
USB	One 5x2 pin header supports 2 USB 1.0 Ports
Digital I/O	Supports 16 in or 16 out



Packing List

- 1701400601 IDE Cable
- 1701340700 Floppy Disk Drive Cable
- 170110030A Serial Port Cable
- 1701010302 Parallel + Serial Port Cable
- 1700060192 Keyboard and Mouse Cable
- Quick Installation Guide
- Utility CD
- HSB-440I

Ordering Information

- **HSB-440I-A10**
Half-size ISA CPU Card, STPC® Atlas, with TFT LCD, Onboard 64MB, LAN, CF, DOC, 4 COM, Rev.A1.0
- **HSB-440I-A10-01**
Half-size ISA CPU Card, STPC® Atlas, with TFT LCD, Onboard 64MB, DOC, 4 COM, Rev.A1.0

Optional Accessory

- **AEC-204I1-01**
4-slot Industrial Wallmount Chassis, ISA, 150W, AT Power Supply, BP-204SI, Filter
- **OS-CE-420-440I**
Windows® CE.NET(Rev. 4.2) SDK for HSB-440I, English Version
- **CFC-032**
32MB CompactFlash™ Card, 3.3/5V, suggested for Windows® CE.NET image