

## PC-104 Products

STPC Atlas 133 PC/104 CPU Module with LCD, Ethernet, CompactFlash, & 4 COMs



### SPECIFICATION

- **CPU:**  
Embedded STPC Atlas 133MHz SoC
- **System Memory:**  
Onboard 64MB SDRAM (optional 32)
- **Chipset:**  
STPC Atlas
- **I/O Chipset:**  
STPC Atlas, Winbond W83977
- **BIOS:**  
Award 256KB Flash ROM
- **Ethernet (Optional):**  
ADMtek AN983B, 10/100Base-T  
RJ-45 connector x 1
- **SSD:**  
Type I CompactFlash Slot
- **Watchdog Timer:**  
Generate a system reset, software selectable  
time-out interval (15sec ~ 127min15sec,  
30sec/step)
- **Expansion Interface:**  
PC-104 socket x 1
- **Battery:**  
Lithium battery
- **Power Supply Voltage:**  
+5xV. AT
- **Board Size:**  
3.55" (L) x 3.775" (W) (90mm x 96mm)
- **Gross Weight:**  
0.6lb. (0.25kg)
- **Operating Temperature:**  
0°C ~ 60°C (32°F ~ 140°F)

### I/O

- **MIO:**  
IDE x 1, FDD x 1, KB+Mouse x 1, RS-232 x 3  
RS-232/422/485 x 1, parallel x 1
- **IrDA:**  
Supports one IrDA Tx/Rx header
- **USB:**  
One 5 x 2 pin headers supports 2 USB 1.1 ports
- **Digital I/O:**  
8 TTL digital input bits & 8 TTL digital output bits

### Display

- **Chip:**  
STPC Atlas
- **Memory Size:**  
Shared memory up to 4MB
- **Resolution:**  
Up to 1024 x 768 @ 24bpp for CRT  
Up to 800 x 600 @ 18bpp for LCD
- **LCD Interface:**  
Supports 18-bit TTL TFT LCD panels
- **Supports CRT and LCD simultaneous display**

### Ordering Information:

#### PC104-A1453-A10:

PC-104 CPU Module, STPC Atlas 133MHz, Onboard 64MB SDRAM, with CF, w/o LAN

#### PC104-A1453-A10-02:

PC-104 CPU Module, STPC Atlas 133MHz, Onboard 64MB SDRAM, with LAN, CF