

Low Power Solution

FB2410

STPC ATLAS CPU board with VGA/LCD, 2S1P, LAN, 2USB and CF Socket



Features

- STPC ATLAS Low Power CPU
- Support 16-bit ISA Bus
- 1 SoDIMM Socket up to 128MB SDRAM
- 10/100 Ethernet LAN
- 2 RS-232, 1PCI IDE Interface
- 1 PS/2 Keyboard Mouse port
- 1 FDD,1 Parallel,2 USB(V1.1)
- Socket for Compact flash V3.3 and MicroDrive
- Fanless and low power consumption design

Specifications

CPU:	STPC ATLAS (133MHz) Low Power CPU
System Chipset:	STPC ATLAS SOC Chipset
Bus Interface:	Stack-Through PC/104
RAM Memory:	One 144-pin So-DIMM socket supports up to 128MB SDRAM
Cache Size:	Internal 8KB L1 cache inside the CPUs
VGA Display:	Embedded in ATLAS SOC-chipset with 4MB shared memory architecture Supports CRT/LCD interface
Ethernet:	Realtek 8100X Chipset, Support 10/100 Base-T Ethernet
Super I/O:	1 PCI IDE-One 44-pin 2.0mm IDC connector 2 Serial Ports, 1 RS-232, and 1 RS-232/RS485 1 FDC 20-pin 2.0 mm IDC connector 1 Parallel 20-pin 2.0mm IDC connector
Keyboard/Mouse:	PS/2 compatible with 6-pin 2.0mm JST 2.0
USB:	Built-in 2 USB(V1.1) ports
BIOS:	AMI flash BIOS
Watchdog:	Software programmable
RTC & CMOS RAM:	Embedded on-board Lithium battery
Speaker:	Supports 2-pin 2.54mm header for external speaker
Headers:	2-pin Reset
Power Connector:	4-pin 2.5mm JST connector
LED Indicator:	On-Board Power LED
Power Req.:	+5V only – 1.5A maximum. (Based on 133 MHz CPU)
Dimensions:	90.2 mm x 95.9 mm

Ordering Information

Model	Description	Drivers
FB2410	PC/104 STPC ATLAS CPU board with VGA/TFT/LVDS, 2S, LAN, 2USB and CF Socket	* VGA 9X * LAN Novell 3.X / 4.X, Win 95/98/NT Linux, NDIS, MSLAN*
FB2410A	PC/104 STPC ATLAS CPU board with VGA, 2S, LAN, 2USB and CF Socket	



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