



# FB2410 STPC ATLAS PC/104 CPU board

## With VGA/LCD, 2S1P, LAN, 2USB and CF Socket



### Features

- Fanless and low power consumption design
- 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)
- 1 Compact flash socket

### Specifications

<b>CPU:</b>	STPC ATLAS (133MHz) Low Power CPU
<b>System Chipset:</b>	STPC ATLAS SOC Chipset
<b>Bus Interface:</b>	Stack-Through PC/104
<b>RAM Memory:</b>	One 144-pin So-DIMM socket supports up to 128MB SDRAM
<b>Cache Size:</b>	Internal 8KB L1 cache inside the CPUs
<b>VGA Display:</b>	Embedded in ATLAS SOC-chipset with 4MB shared memory architecture Supports VGA/TFT-LCD/LVDS interface
<b>Ethernet:</b>	Realtek 8100X Chipset, Support 10/100 Base-T Ethernet
<b>Super I/O:</b>	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
<b>Keyboard/Mouse:</b>	PS/2 compatible with 6-pin 2.0mm JST 2.0
<b>USB:</b>	Built-in 2 USB(V1.1) ports
<b>BIOS:</b>	AMI flash BIOS
<b>Watchdog:</b>	Software programmable
<b>RTC &amp; CMOS RAM:</b>	Embedded on-board Lithium battery
<b>Speaker:</b>	Supports 2-pin 2.54mm header for external speaker
<b>Headers:</b>	2-pin Reset
<b>Power Connector:</b>	4-pin 2.5mm JST connector
<b>LED Indicator:</b>	On-Board Power LED
<b>Power Req.:</b>	+5V only – 7.5VA maximum. (Based on 133 MHz CPU)
<b>Dimensions:</b>	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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