

## Low Power Solution



# FB2413 Vortex86DX3 1GHz PC/104 CPU board

With VGA/LCD, 4S, 512MB RAM, LAN, 4USB and CF Socket



### Features

- Fanless and low power consumption design
- Vortex86DX3 1 GHz CPU
- Supports VGA and LVDS LCD
- Support OnBoard 512MB DDR3 RAM
- 1 10/100/1000 Ethernet LAN
- 3 RS-232 and 1 RS232/RS422/RS485
- 1 SATA connector and 1 CF Socket
- 4 USB(V2.0) ports
- PC/104-16 bit ISA Bus

### Specifications

<b>CPU:</b>	Vortex86DX3 1GHz Low Power CPU
<b>System Chipset:</b>	Vortex86DX3 Chipset
<b>Bus Interface:</b>	Stack-Through PC/104
<b>RAM Memory:</b>	On-Board 512MB
<b>Cache Size:</b>	L1: 64KB, L2: 512KB
<b>VGA Display:</b>	VGA Connector (10-Pin mIDC) LVDS LCD Connector ( <i>Optional</i> )
<b>Ethernet:</b>	Realtek RTL8111H Chipset, Support 10/100/1000 Base-T Ethernet
<b>I/O Connector:</b>	1 SATA connector 1 CF Socket 4 Serial Ports, 3 RS-232, and 1 RS-232/RS422/RS485
<b>Keyboard/Mouse:</b>	PS/2 compatible with 6-pin 2.0mm JST 2.0
<b>USB:</b>	Built-in 4 USB(V2.0) 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>	Reset, HDD LED and external speaker header
<b>Power Connector:</b>	4-pin 2.5mm JST connector
<b>LED Indicator:</b>	On-Board Power LED
<b>Power Req.:</b>	+5V only, 25VA max. (12VA Typical)
<b>Dimensions:</b>	90.2 mm x 95.9 mm
<b>Accessory:</b>	One VGA (Analogy VGA interface) adapter cable Four serial port adapter cables One PS2 keyboard and mouse port adapter cable One 12-pin LAN adapter cable with FB4760 board One or two interface cable ( <i>Optional</i> ) One SATA interface cable ( <i>Optional</i> )

### Ordering Information

Model	Description	Verified OS
FB2413	Vortex86DX3 1 GHz CPU board w/4S, 512MB RAM, VGA, LAN, 4USB, SATA and CF Socket	DOS6.22, Windows XPe /WES 7, and Linux



FabiaTech Corp.

TEL:886-2-22789586 FAX:886-2-22789575  
7F-8, No.6, Lane 609, Chung-Hsin Rd., Sec.5, San-Chung District, New Taipei City, Taiwan, R.O.C.

www.fabiatech.com