



# FB2402 Vortex86DX3 1GHz ISA and PC/104 CPU Card

## w/2S, VGA, 4USB, LAN, Onboard RAM, SATA and CF Socket



### Features

- Fanless and low power consumption design
- DMP Vortex86DX3 1GHz CPU
- Support VGA and LVDS LCD
- Onboard 512MB DDR3 RAM
- Support 1 G-LAN or 10M/100M Ethernet LAN
- Supports 1 SATA connector and CF socket
- Supports 3 RS232 and 1 RS232/RS422/RS485 ports
- 4 USB(V2.0)
- ISA & PC/104 Bus

### Specifications

<b>CPU:</b>	Vortex86DX3 1GHz
<b>Cache Size:</b>	L1:64KB, L2:512KB
<b>System Chipset:</b>	DMP Vortex86DX3
<b>RAM Memory:</b>	On-Board 512MB DDR3 RAM (Max:1GB)
<b>VGA Display:</b>	Vortex86DX3 VGA Controller Provide VGA-standard 15-pin D-sub connector & LCD-30-pin DF-13 connector and 5-pin 2.0mm JST for inverter (Optional)
<b>Ethernet:</b>	Realtek RTL8111H Giga LAN or Vortex DX3 10M/100M LAN with RJ-45 connector
<b>Super I/O:</b>	1 RS-232 and 1 RS-232/RS422/RS-485 or 3 RS-232 and 1 RS-232/RS422/RS485 (Optional)
<b>Storage:</b>	1 SATA connector, 1 CF socket, m-SATA socket (Optional) and SD Socket (Optional)
<b>Keyboard/Mouse:</b>	PS2 Connector (Min-DIN) and PS/2 compatible with 6-pin JST 2.0 (Optional)
<b>USB:</b>	Built-in 4 USB(V2.0) ports
<b>BIOS:</b>	AMI flash BIOS (including VGA BIOS and LAN boot-ROM)
<b>Watchdog:</b>	Software programmable
<b>RTC &amp; CMOS RAM:</b>	On-Board Lithium battery for CMOS data retention.
<b>Speaker:</b>	Supports on-board buzzer and header for external speaker
<b>Headers:</b>	Reset, HDD/CF/m-SATA LED and Speaker header
<b>LED Indicator:</b>	Power LED
<b>Bus Interface:</b>	ISA and Non-Stack-Through PC/104 Bus
<b>Power Connector:</b>	6-pin 2.5mm JST for stand alone applications
<b>Power Req.:</b>	+5V Only , 24VA Max. (10.2VA Typical)
<b>EMI Considered:</b>	Add EMI components to COM ports, VGA, and USB ports
<b>Dimensions:</b>	Compact size, 185 mm x 122 mm (7.28" x 4.80")
<b>Accessory:</b>	One Serial port interface with bracket

### Optional Item

- Accessory:**  
 Y-type Keyboard and mouse port adapter cable (P/N:7003000008G)  
 One dual USB adapter cable with bracket (P/N:7002020003G)

### Ordering Information

Model	Description	Verified OS
<b>FB2402</b>	Vortex86DX3 1GHz CPU, w/2S ,VGA,4USB, G-LAN, Onboard 512MB DDR3 RAM SATA and CF Socket	DOS6.22, Windows XPe /WES 7, and Linux
<b>FB2402A</b>	Vortex86DX3 1GHz CPU, w/2S,VGA,4USB, 10M/100M LAN, Onboard 512MB DDR3 RAM SATA and CF Socket	



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