



# FB2400-NF

Vortex86DX CPU Card w/2S1P1F, VGA, 4USB, LAN, Onboard RAM and CF Socket



### Features

- Fanless and low power consumption design
- DMP Vortex86DX CPU
- Onboard 128MB DDR2 RAM
- 1 10M/100M Ethernet LAN
- Supports 1 IDE connector and CF socket
- Supports 1 RS232 and 1 RS232/RS422/RS485 ports
- 1 Parallel Port and 1 Floppy
- 4 USB(V2.0)
- PC/104 Bus

### Specifications

<b>CPU:</b>	Vortex86DX 800MHz
<b>Cache Size:</b>	L1:16KB-I/16KB-D, L2:256KB
<b>System Chipset:</b>	DMP Vortex86DX
<b>RAM Memory:</b>	On-Board 128MB DDR2 RAM
<b>VGA Display:</b>	SMI712 Chipset CRT-standard 15-pin D-sub connector LCD-40-pin DF-13 connector and 5-pin 2.0mm JST for inverter (Optional)
<b>Ethernet:</b>	Realtek RTL8100C, 10/100 Base-TX with RJ-45 connector
<b>Super I/O:</b>	1 FDC, 1 Parallel, 1 RS-232 and 1 RS-232/RS-485
<b>IDE/CF:</b>	1 40-pin 2.54mm IDC connector (Primary IDE Port) and one CF socket (Secondary IDE Port)
<b>Keyboard/Mouse:</b>	PS/2 compatible with 6-pin JST 2.0
<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>	TTL I/O-8 input lines and 8 output lines with header
<b>LED Indicator:</b>	Power/Watchdog 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 , 15VA (Max.)
<b>EMI Considered:</b>	Add EMI components to COM ports, parallel port, CRT, and USB ports
<b>Dimensions:</b>	Compact size, 185 mm x 122 mm (7.28" x 4.80")

### Ordering Information

Model	Description	Drivers
FB2400-NF	Vortex86DX 800MHz CPU, w/2S1P1F, VGA, 4USB, LAN, Onboard 128MB DDR2 RAM and CF Socket	Win2K/XP/XPe/CE, and Linux



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