



Low Power Solution

FB2412 Vortex86DX 800M PC/104 CPU board

With VGA/LCD, 2S, 128MB RAM, LAN, 2USB and CF Socket



Features

- Fanless and low power consumption design
- Vortex86DX 800MHz CPU
- Support 16-bit ISA Bus
- Supports CRT up to 4MB and LCD/LVDS (Option)
- Support OnBoard 128MB DDR2 RAM
- 10/100 Ethernet LAN
- 1 RS-232 and 1 RS232/485
- One 44pin IDE connector up to 2 PCI IDE devices
- 1 PS/2 KB/Mouse compatible with 6-pin 2.0mm JST 2.0
- 2 USB(V2.0) ports
- 1 Compact Flash socket

Specifications

CPU:	Vortex86DX 800MHz Low Power CPU
System Chipset:	Vortex86DX Chipset
Bus Interface:	Stack-Through PC/104
RAM Memory:	On-Board 128MB
Cache Size:	L1:16KB, L2:256KB
VGA Display:	Supports CRT (SMI712 Inside) 4MB
Ethernet:	Realtek RTL8100SC Chipset, Support 10/100 Base-T Ethernet
I/O Connector:	1 44-pin 2.0mm IDC connector 2 Serial Ports, 1 RS-232, and 1 RS-232/RS485 TTL I/O-2 input lines and 2 output lines
Keyboard/Mouse:	PS/2 compatible with 6-pin 2.0mm JST 2.0
USB:	Built-in 2 USB(V2.0) 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/Watchdog LED
Power Req.:	+5V only, 15VA (max.)
Dimensions:	90.2 mm x 95.9 mm

Ordering Information

Model	Description	Drivers
FB2412	Vortex86DX 800MHz CPU board w/2S, 128MB RAM, VGA, LAN, 2USB and CF Socket	Win2K/XP/XPe/CE, and Linux



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