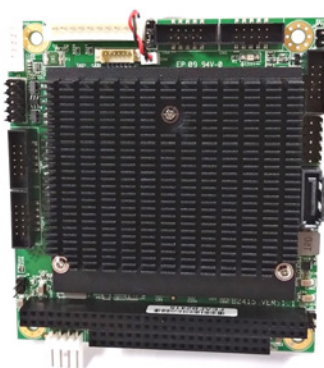


Low Power Solution



FB2415 Vortex86DX3 PC/104 CPU board

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



Features

- Fanless and low power consumption design
- Vortex86DX3 CPU
- Support OnBoard 512MB DDR3 RAM
- 1 10/100 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

CPU:	Vortex86DX3 (1GHz) Low Power CPU
System Chipset:	Vortex86DX3 SOC
Bus Interface:	Stack-Through PC/104
RAM Memory:	On-Board 512MB
Cache Size:	L1:64KB, L2:512KB
VGA Display:	VGA Connector (10-Pin IDC)
Ethernet:	1 Integrated R6040 LAN, support 10/100 Base-TX Ethernet
Storage:	1 SATA Connector 1 CF Socket
I/O Connector:	4 Serial Ports (3 RS-232, and 1 RS-232/RS422/RS485)
Keyboard / Mouse:	PS/2 compatible with 6-pin 2.0mm JST 2.0
USB:	Built-in 4 USB(V2.0) ports with 10-pin 2.54mm headers
BIOS:	AMI flash BIOS
Watchdog:	Software programmable
RTC & CMOS RAM:	Lithium battery for CMOS data retention
Headers:	Reset, HDD LED and external speaker header
Power Connector:	4-pin 2.5mm connector
LED Indicator:	On-Board Power LED
Power Req.:	+5V only, 25VA max. (12VA Typical)
Operating Temp.:	0°C ~ 60°C (32°F ~ 140°F)
Dimensions:	90.2 mm x 95.9 mm
Accessory:	One VGA adapter cable (IDC to DB15) Four serial port adapter cables (IDC to DB9) One 10-pin LAN adapter cable with FB4605A board One USB Interface Cable One PS2 keyboard and mouse port adapter cable One SATA interface cable (Optional) One SATA Power Cable (Optional)

Ordering Information

Model	Description	Verified OS
FB2415	Vortex86DX3 1 GHz CPU board w/4S, 512MB RAM, VGA, LAN, 4USB, SATA and CF Socket	DOS, Windows XPe / Linux



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