

Low Power Solution



FB2504

Intel ULV Celeron CPU Card with VGA/LCD, 2S1P, 2USB, LAN, Audio and CF Socket



Features

- Fanless and power consumption design
- Intel ULV Celeron 400MHz CPU
- VIA VT8601T and VIA VT82C686B
- Onboard 32MB RAM and 1 SoDIMM socket
- Supports one 10/100 Ethernet LAN
- 40pin IDE connector up to 2 PCI IDE devices and one 44-pin connector IDC (1 CF socket)
- 2 Serial and 1 Parallel Port
- 2 USB(V1.1) ports
- Supports Audio (Option)

Specifications

CPU:	Supports Intel ULV Celeron 400MHz CPU
System Chipset:	Chipset VIA VT8601T and VIA VT82C686B
Bus Interface:	ISA and Non-Stack-Through PC/104 Bus
RAM Memory:	On-Board 32MB (64 and 128MB is optional) and 1 SoDIMM socket (512MB max)
Cache Size:	Internal 64KB or above L2 cache inside the CPUs
VGA Display:	Supports CRT (VT8602 embedded UMA) 2MB to 8MB
Ethernet:	Realtek RTL8100B chipset, supports 10/100 Base-TX with RJ-45 connector
Super I/O:	2 PCI IDE-One 40-pin 2.54mm IDC connector and one 44-pin 2.0mm IDC (Optional 1 CF socket) 1 FDC, 1 Parallel, 1 RS-232, and 1 RS-232/RS-422/RS-485 with IrDA interface
Keyboard/Mouse:	PS/2 compatible with 6-pin JST 2.0
USB:	Built-in 2 USB(V1.1) ports with USB connector
Audio:	Supports AC97 control lines for FB4644A Audio I/O module
SRAM Disk:	Optional 512KB SRAM disk with Lithium battery backup
BIOS:	256KB AMI flash BIOS (including VGA/LCD BIOS and LAN boot-ROM)
H/W Monitoring:	Supports CPU temperature and Main/Aux. powers monitoring
Watchdog:	Software programmable
RTC & CMOS RAM:	On-Board Lithium battery for CMOS data retention. (Optional E2KEY for safe CMOS data keeping)
Speaker:	Supports on-board buzzer and header for external speaker
Headers:	TTL I/O-2 input lines and 2 output lines with header
Power Connector:	6-pin 2.5mm JST for stand alone applications
LED Indicator:	Power/Watchdog LED
Power Req.:	+5V – 2.4A (max.) and +12V – 0.1A (max.) (Based on 400MHz CPU)
EMI Considered:	Add EMI components to COM ports, parallel port, CRT, and USB ports
Dimensions:	Compact size, 185 mm x 122 mm (7.28" x 4.80")
Optional Item:	FB4641 -Audio I/O adapter board

Ordering Information

Model	Description	Drivers
FB2504	Intel ULV Celeron CPU Card with VGA/LCD, 2S1P, 2USB, LAN, Audio, CF	* VGA Win98/NT/2K/XP, OS2 * LAN Novell 3.X / 4.X, Win 95/98/NT OS2, Linux, NDIS, MSLAN * Audio Win95/NT/2K/XP



FabiaTech Corp.

TEL:886-2-22789586 FAX:886-2-22789575

4F-3, No.18, Lane 609, Chung-Hsin Rd., Sec.5, San-Chung City, Taipei Hsien, Taiwan, R.O.C.

www.fabiatech.com