

FB2646 / A Celeron-M / Pentium-M

All-In-One CPU Card with VGA/LVDS LCD, 2S, LAN, 4USB, Audio and CFC

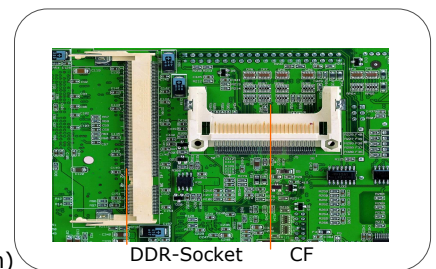


Features

- Low Power Consumption Design
- Intel 1.1~1.8GHz/1.4GHz Celeron-M/Pentium-M
- Intel 855GME+ICH4 Chipset With AGPX4 GPU
- One So-DIMM Socket With up to 1GMB DDR-SDRAM
- Software Programmable Watchdog
- CPU Voltage and Temperature Monitoring
- Supports USB 2.0 four ports
- Supports 10/100/1000 Base-TX (Giga) LAN
- Support AC'97 Audio

Specifications

CPU:	Supports Intel Celeron-M/Pentium-M 1.1G~1.8G CPU
System Chipset:	Intel 855GME+ICH4
Bus Interface:	Compact size slot card with PICMG PCI expansion bus
RAM Memory:	Support one 200-pin socket DDR-333 RAM (1GB maximum)
Cache Size:	Internal Cache 512k/1MB (C-M) or 1MB/2MB(P-M) inside CPUs
VGA Display:	Intel855GME embedded, supports CRT/LVDS with 32MB video share memory
Ethernet:	Realtek RTL8110s chipset, supports 10/100/1000 Base-TX with RJ-45 connector
Super I/O:	2 PCI IDE-One 40-pin 2.54mm IDC connector and one for Compact Flash Socket 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 4 USB(V2.0) ports with USB connector
Audio:	Supports AC'97 control lines for FB4641 Audio board
BIOS:	512KB Award flash BIOS (including VGA 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
Headers:	TTL I/O-2 input lines and 2 output lines with header
Power Connector:	10-pin 2.5mm ATX Connector for stand alone applications
LED Indicator:	Power/Watchdog/LAN LED
Power Req.:	+5V - 5.2A max.(Based on 1.1GHz CPU) and +12V -0.25A (For FAN)
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:	One 2 ports USB adaptor cable with bracket / Heat-Sink+FAN for FB2646



Ordering Information

Model	Description	Drivers
FB2646	Support Intel Celeron-M/Pentium-M 1.1~1.8GHz CPU uFC-PGA with 2S1P, VGA/LVDS, Audios, LAN and 4USB	* VGA/USB: Win98/NT/2K/XP * LAN Novell: 3.X / 4.X, Win 95/98/NT/2K/XP OS2, Linux, NDIS, MSLAN * Audio Win95/98/NT/2K/XP
FB2646A	Intel Pentium-M 1.4GHz CPU uFC-BGA with 2S1P, VGA/LVDS, Audios, LAN and 4USB	* VGA/USB: Win98/NT/2K/XP * LAN Novell 3.X / 4.X, Win 95/98/NT/2K/XP OS2, Linux, NDIS, MSLAN * Audio Win95/98/NT/2K/XP



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