

Embedded Board  
3.5"

Low Power Solution

## FB2632

3.5" ULV C-M 600M CPU Board w/4S, VGA, Giga-LAN, 4USB, Audio & CF Socket



(Picture for reference only)

### Features

- Fanless
- INTEL CPU (C-M 600MHz, 512KB L2 Cache Inside) and System Chipset (910GMLE+ICH6)
- One 200-pin SoDIMM socket, supports up to 2GB DDR2 RAM
- Support Giga LAN (\*1) for Intel Chipset
- Support High Definition Audio
- Four USB V2.0 Ports
- Supports CRT & LVDS with Dual Display
- One 44-pin IDE connector
- Two SATA connectors
- One CompactFlash Card Type I/II socket
- Three RS232 and One RS232/422/485
- Support Expansion I/F with Stack-Through PCI-104

### Specifications

<b>CPU:</b>	INTEL Celeron-M 600MHz CPU
<b>System Chipset:</b>	INTEL 910GMLE + ICH6
<b>Bus Interface:</b>	Stack-Through PCI-104
<b>RAM Memory:</b>	One 200-pin SoDIMM socket, supports up to 2GB DDR2 RAM
<b>Cache Size:</b>	Internal 512KB L2 cache inside the CPUs
<b>VGA Display:</b>	INTEL 910GMLE chipset (DVMT) CRT-standard 15-pin D-sub connector LVDS-40-pin DF-13 connector and 5-pin 2.0mm JST for inverter Support Dual Display
<b>Ethernet:</b>	One INTEL 82573L chipset, support 10/100/1000 Base-T with RJ45 connector
<b>Super I/O:</b>	One PCI IDE-One 44-pin 2.0mm IDC connector and One CompactFlash socket Four Serial Ports-3 RS-232 and 1 RS232/422/485
<b>Keyboard/Mouse:</b>	PS/2 compatible with 6-pin JST 2.0
<b>USB:</b>	Built-in Four USB 2.0 ports with USB connector
<b>Audio:</b>	Provides one 12-pin 2.0mm IDC connector for High Definition Audio
<b>BIOS:</b>	8Mb AMI flash BIOS (including VGA/LCD BIOS)
<b>H/W Monitoring:</b>	Supports CPU temperature and Main/Aux. powers monitoring
<b>Watchdog:</b>	Software programmable
<b>RTC &amp; CMOS RAM:</b>	Embedded on-board Lithium battery
<b>Speaker:</b>	Onboard Buzzer
<b>Power Connector:</b>	10-pin 4.2mm ATX connector
<b>LED Indicator:</b>	Onboard PWR/WD LED
<b>Power Req.:</b>	+5V only, 15VA maximum
<b>EMI Considered:</b>	Add EMI components to COM ports, CRT, and USB ports
<b>Dimensions:</b>	3.5" disk size, 145 mm x 102 mm (5.7" x 4.0")

### Ordering Information

Model	Description	Verified OS
FB2632	3.5" ULV Celeron-M 600M CPU Board w/4S, VGA, Giga-LAN, 4USB, Audio and CF Socket	Windows 2000/XP, XP Embedded, Linux



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