

Embedded Board
3.5"

Low Power Solution

FB2631

3.5" LV Eden-1G 2 Giga-LAN, w/VGA, LCD, TV-out, Audio, 4USB, 2S, CF Socket



Features

- Fanless PC
- VIA CPU (VL-Eden 1GHz, 128KB L2 Cache Inside) and System Chipset (CX700M)
- One 200-pin SoDIMM socket, supports up to 1GB DDR2 RAM
- Support Giga LAN (*2) for Realtek Chipset
- Support High Definition Audio
- Four USB 2.0 Ports
- Supports CRT & LCD &TV-out
- One 44-pin IDE connector
- One CompactFlash Card Type I/II socket
- One RS232 and One RS232/422/485
- Support Expansion I/F with Non-Stack-Through PCI-104

Specifications

CPU:	VIA LV Eden 1GHz CPU
System Chipset:	VIA CX700M
Bus Interface:	Non-Stack-Through PCI-104
RAM Memory:	One 200-pin SoDIMM socket, supports up to 1GB DDR2 SDRAM
Cache Size:	Internal 128KB L2 cache inside the CPUs
VGA Display:	VIA CX700M chipset embedded supports up to 128MB shared memory CRT-standard 15-pin D-sub connector LCD-40-pin DF-13 connector and 5-pin 2.0mm JST for inverter TV-out-4pin 2.0mm pin header
Ethernet:	Two Realtek RTL8110SC chipsets, support 10/100/1000 Base-T with 2 RJ45 connectors
Super I/O:	One PCI IDE-One 44-pin 2.0mm IDC connector and One CompactFlash socket Two Serial Ports-1 RS-232 and 1 RS232/422/485
Keyboard/Mouse:	PS/2 compatible with 6-pin JST 2.0
USB:	Built-in Four USB 2.0 ports with USB connector
Audio:	Provides one 12-pin 2.0mm IDC connector for High Definition Audio
BIOS:	8Mb AMI flash BIOS (including VGA/LCD BIOS)
H/W Monitoring:	Supports CPU temperature and Main/Aux. powers monitoring
Watchdog:	Software programmable
RTC & CMOS RAM:	Embedded on-board Lithium battery with E2Key function
Speaker:	Onboard Buzzer
Power Connector:	10-pin 4.2mm ATX connector
LED Indicator:	Onboard PWR/WD LED
Power Req.:	+5V only, 3.2A maximum
EMI Considered:	Add EMI components to COM ports, CRT, and USB ports
Dimensions:	3.5" disk size, 145 mm x 102 mm (5.7" x 4.0")

Ordering Information

Model	Description	Verified OS
FB2631	3.5" LV Eden-1G 2 Giga-LAN, w/VGA, LCD, TV-out, Audio, 4USB, 2S, CF Socket	Windows 2000/XP, WinCE.NET, XP Embedded, Linux



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