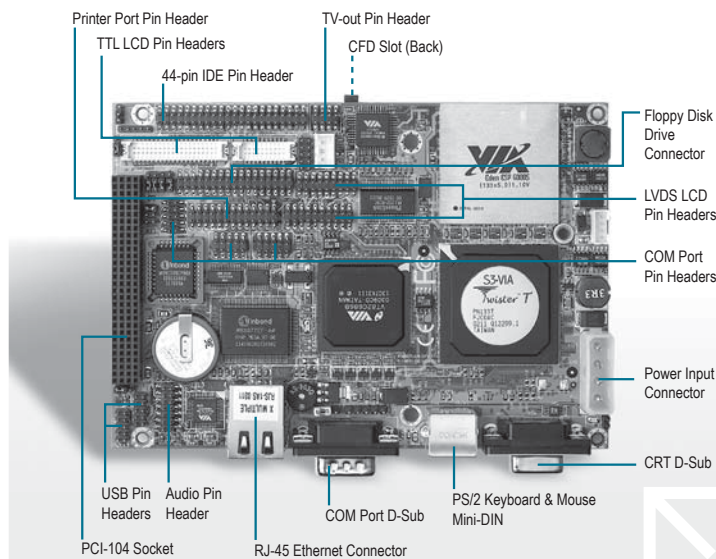


GENE-6310B

VIA C3™ Low Power Processor



Specifications

System	
Form Factor	3.5"
Processor	Onboard VIA C3™ 1GHz, Eden 400/667MHz processor
System Memory	144-pin SODIMM x 1, Max. 512MB (PC-100/133)
Chipset	VIA VT8606 + VT82C686B
I/O Chipset	Winbond 83977EF
Ethernet	Realtek RTL 8100BL, 10/100Base-TX, RJ-45 connector x 1
BIOS	AWARD 256KB FLASH ROM
Wake On LAN	Yes
Watchdog Timer	Generates a time-out system reset
H/W Status Monitoring	Supports power supply voltages, Fan Speed and temperature monitoring, (Rev.B11-01)
Solid Storage Disk	Type II CompactFlash™ slot x 1
Expansion Interface	PCI-104 x 1
Battery	Lithium battery
Power Requirement	+5V/AT/ATX
Power Consumption (Typical)	VIA Eden™ 667MHz, PC-133 256MB ATX Power 2.5 A@5V
Board Size	5.75"(L) x 4"(W) (146mm x 101.6mm)
Gross Weight	0.88 lb (0.4 kg)
Operating Temperature	32°F~ 140°F (0°C ~ 60°C)
Storage Temperature	-40°F~-176°F (-40°C~80°C)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
MTBF (Hours)	117,554
Display	Supports CRT / LCD and CRT / TV simultaneous display
Chipset	VIA VT8606
Memory	Shared system memory up to 32MB
Resolutions	Up to 1280x1024@24bpp colors for CRT Up to 1024x768@18bpp colors for LCD
LCD Interface	Supports 36-bit Dual Channel TTL/LVDS TFT/LCD
TV-out	Supports NTSC and PAL standard, S-Terminal and Composite Video
I/O	
MIO	EIDE x 1 (UDMA33 x 1), Floppy Disk Drive x 1, Keyboard+Mouse x 1, RS-232 x 3, RS-232/422/485 x 1, Parallel x 1
IrDA	One IrDA Tx/Rx header
Audio	MIC-in, Line-in, Line-out
USB	Two 5x2 pin headers support 4 USB1.1 ports (does not support Wake-up function)

Features

- Onboard VIA C3™ Low Power Processor
- 36-bit Dual Channel LVDS/ TTL TFT/ LCD
- AC97 High-quality Audio
- Supports Type II CompactFlash™
- COM x 4/ USB x 4/ TV-out Ports
- +5V Only Operation



Packing List

- 9681631000**
 - Cable Kit
 - 1701440500 IDE Cable
 - 1701340600 Floppy Disk Drive Cable
 - 1701100206 COM Port Cable
 - 1701260200 Parallel Port Cable
 - 1700080180 TV-out & S-terminal Cable
 - 1700060192 Keyboard/Mouse Cable
 - 1700140510 Audio Cable
 - 1709100201 USB Cable
 - 9657666800 Jumper Cap
- Quick Installation Guide
- Utility CD
- GENE-6310 Rev.B

Ordering Information

- TF-GENE-6310-B11**
3.5" Board, Eden 667, LCD-TV, SDM, LAN, Audio, 4 COM, USB, CF, PCI-104, Rev. B1.1
- TF-GENE-6310-B11-01**
3.5" Board, C3 1.0G, LCD-TV, SDM, LAN, Audio, 4 COM, USB, CF, PCI-104, Rev. B1.1
- TF-GENE-6310-B11-02**
3.5" Board, Eden 400, LCD-TV, SDM, LAN, Audio, 4 COM, USB, CF, PCI-104, Rev. B1.1

Optional Accessories

- 1702200205**
Conversion Cable for AT to ATX Power Supply (200 ± 10 mm)