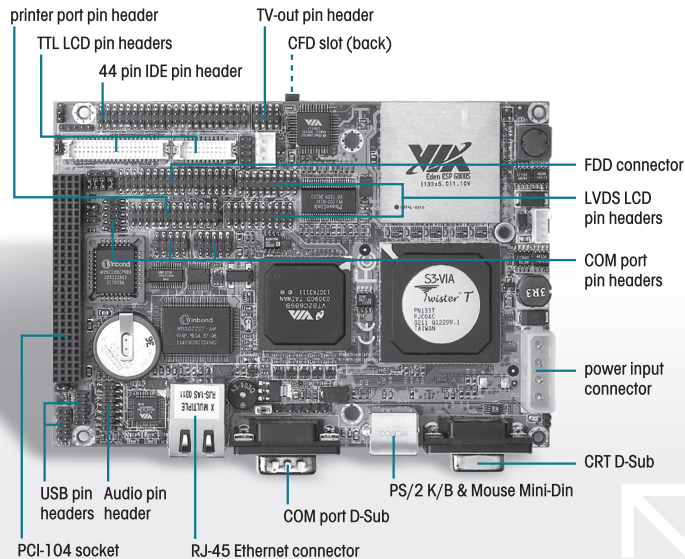


GENE-6310

VIA C3™ Low Power Processor



Specifications

System	
CPU	Onboard VIA C3 1GHz, Eden 667/400MHz processor
System Memory	144-pin SDRAM SODIMM x 1, Max. 512MB (PC 100/133MHz)
Chipset	VIA VT8606 + VT82C686B
I/O Chipset	VIA VT82C686B VIA VT82C686B + Winbond 83977EF (GENE-6310 Rev.B)
Ethernet	Realtek RTL 8139C (RTL8100BL for GENE-6310 Rev.B), 10/100Base-Tx RJ-45 connector x 1
BIOS	AWARD 256KB FLASH ROM
Watchdog Timer	Generate a time-out system reset
H/W Status Monitoring	Supports power supply voltages and temperatures monitoring
SSD	Type II CompactFlash slot x 1
Expansion Interface	PCI-104 socket x 1
Battery	Lithium battery
Power Requirement	+5V. AT (+5V, AT/ATX for GENE-6310 Rev.B)
Board Size	5.75"(L) x 4"(W) (146mm x 101.6mm)
Gross Weight	0.88lb (0.4kg)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
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	36/18-bit TTL/LVDS TFT/DSTN LCD
TV-Out	Supports NTSC and PAL standard
I/O	
MIO	EIDE x 1 (UDMA33 x 1), FDD x 1, KB+Mouse x 1, RS-232 x 1 (RS-232 x 3 for GENE-6310 Rev.B), 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 USB 1.1 ports

Features

- Onboard VIA C3™ Low Power Processor
- 18/36-bit Dual channel LVDS/TTL TFT/DSTN LCD
- AC-97 high-quality Audio
- Supports Type II CompactFlash™ Memory
- 2 COM (4 COM for GENE-6310 Rev.B only) / 4 USB / TV-Out
- +5V only operation



Packing List

- 1701440500 IDE cable
- 1701340600 FDD cable
- 1701100206 COM port cable
- 1701260200 Parallel port cable
- 1700080180 TV-Out & S-Terminal cable
- 1700060192 KB/Mouse cable
- 1700140510 Audio cable
- 1709100201 USB cable
- 9657666600 Jumper cap
- Quick Installation Guide
- Utility CD
- GENE-6310

Ordering Informations

- GENE-6310-A11**
SubCompact Board, Eden 6000S, with LCD, LVDS, LAN, Audio, TV-Out, CF, Rev.A1.1
- GENE-6310-A11-01**
SubCompact Board, Eden 5000, with LCD, LVDS, LAN, Audio, TV-Out, CF, Rev.A1.1
- GENE-6310-B10-01**
SubCompact Board, Eden 6000S, with LCD, LVDS, LAN, Audio, TV-Out, CF, 4 COM, Rev.B1.0
- GENE-6310-B10-02**
SubCompact Board, C3 1GHz, with LCD, LVDS, LAN, Audio, TV-Out, CF, 4 COM, Rev.B1.0
- GENE-6310-B10-03**
SubCompact Board, Eden 4000, with LCD, LVDS, LAN, Audio, TV-Out, CF, 4 COM, Rev.B1.0

Accessory Options

- 1701440182 Slim HDD 44 pin ATA100 Cable 18cm
- 1702200205 (for GENE-6310 Rev.B)
Converted Cable for AT to ATX Power Supply (200±10mm) for GENE-6310B/6320/6330
- OS-CE-400-6310**
Windows CE .NET (Rev.4.0) SDK for GENE-6310, English Version
- OS-CE-420-6310**
Windows CE .NET (Rev.4.2) SDK for GENE-6310, English Version
- OS-CE-420-6310B**
Windows CE .NET (Rev.4.2) SDK for GENE-6310 Rev.B, English Version
- CFC-032**
32MB CompactFlash Card, 3.3/5V, suggested for Windows CE .NET image

1

Compact Board

2

Sub Compact Board

3

Full-Size CPU Card

4

Half-Size CPU Card

5

Media PC

6

Embedded ATX Board

7

PC/104 Module

8

Mini PCI Module

9

Accessory