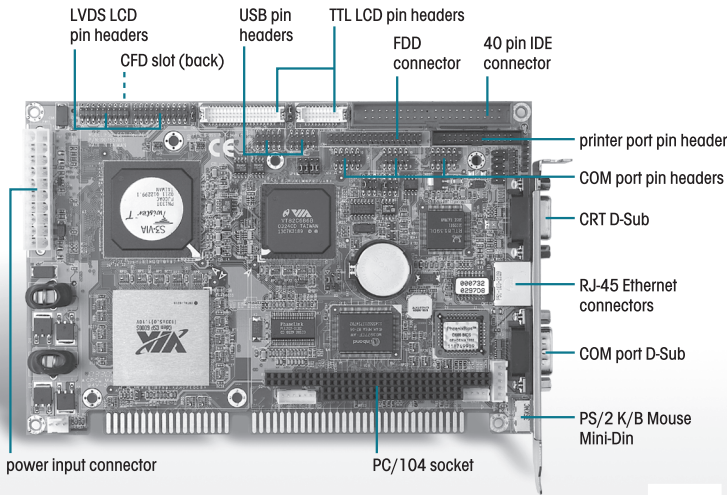


SBC-657 & HSB-657I

VIA C3™ Low Power Processor



Features

- Onboard VIA C3™ Low Power Processor
- 36/18-bit Dual channel LVDS/TTL TFT/DSTN LCD
- Supports PC/104 slot
- Supports Type II CompactFlash™ Memory
- 4 COM / 4 USB



Specifications

System	
CPU	Onboard VIA C3 400/667/800/1000MHz processor
System Memory	144-pin SDRAM SODIMM x 1, Max. 512MB (PC 100/133)
Chipset	VIA VT8606 + VT82C686B
I/O Chipset	VIA VT82C686B+Winbond W83977EF
Ethernet	Realtek 8139DL/8100BL, 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, fan speed and temperatures monitoring
SSD	Type II CompactFlash slot x 1
Expansion Interface	ISA interface (HSB-657I), PCISA interface (SBC-657), PC/104 socket x 1
Battery	Lithium battery
Power Requirement	+5V, +12V. AT/ATX
Board Size	7.3"(L) x 4.8"(W) (185mm x 122mm)
Gross Weight	0.7lb (0.3kg)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Display	
	Supports CRT and LCD simultaneous display
Chipset	VIA VT8606
Memory	Shared system memory up to 32MB
Resolutions	up to 1600x1200@16bpp colors for CRT up to 1024x768@18bpp colors for LCD
LCD Interface	up to 36-bit dual channel TTL/LVDS TFT/DSTN LCD
I/O	
MIO	EIDE x 1 (UDMA100 x 1), FDD x 1, KB+Mouse x 1, RS-232 x 3, RS-232/422/485 x 1, Parallel x 1
IrDA	One IrDA Tx/Rx header
USB	Two 5x2 pin headers support 4 USB 1.1 ports

Packing List

- 1701400453 ATA100 cable
- 1701340702 FDD cable
- 1701100305 Serial port cable
- 1701010302 Parallel+Serial port cable
- 1700060192 KB/Mouse cable
- 1709100201 USB cable
- P90657B000 CF Cover
- Quick Installation Guide
- Utility CD
- SBC-657 or HSB-657I

Ordering Informations

- **HSB-657I-A10**
Half-Size ISA CPU Card, Eden 400, with LCD, LAN, 4 USB, 4 COM, ATX, Rev.A1.0
- **HSB-657I-A10-01**
Half-Size ISA CPU Card, Eden 667, with LCD, LAN, 4 USB, 4 COM, ATX, Rev.A1.0
- **HSB-657I-A10-02**
Half-Size ISA CPU Card, Eden 300, with LCD, LAN, 4 USB, 4 COM, ATX, Rev.A1.0
- **HSB-657I-A10-03**
Half-Size ISA CPU Card, Eden 733, with LCD, LAN, 4 USB, 4 COM, ATX, Rev.A1.0

Accessory Options

- **1702200201**
Converted Cable for ATX to AT Power Supply (200mm) for HSB-657I/660, MB-662, PCM-6892/6893/6898, SBC-657/659/659P/780
- **PCM-3538R-B10**
Daughter Board 18/24/36/48bit TTL Receiver, Rev.B1.0
- **AEC-2041I-01 (for HSB-657I)**
4-Slot Industrial Wallmount Chassis, ISA, 150W, AT Power Supply, BP-204SI, Filter
- **AEC-204SI-01 (for HSB-657)**
4-Slot Industrial Wallmount chassis, PCISA, 150W, AT Power Supply, BP-204SS-P1, Filter
- **OS-CE-420-657I**
Windows CE .NET (Rev.4.2) SDK for HSB-657I, English Version
- **OS-CE-420-657**
Windows CE .NET (Rev.4.2) SDK for SBC-657, 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