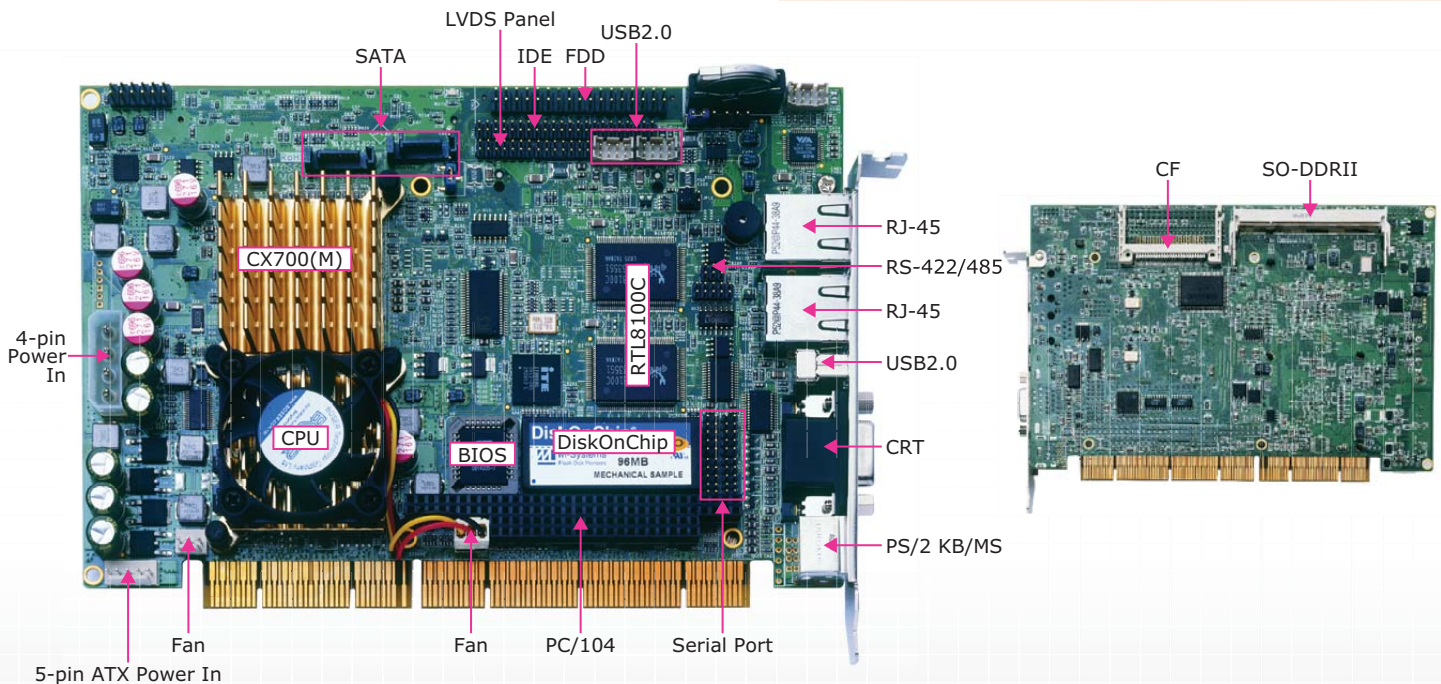


HS-6254

VIA C7 or ULV VIA V4 Eden processor PCI-ISA Bus SBC with CF, CRT/LVDS, Dual LAN, Audio, SATA, 5 USB2.0



Single Board Computer

PCI-ISA Bus SBC

- CompactFlash
- ATA/33/66/100
- DOC
- CRT/LVDS
- RS-232/422/485
- WDT
- Dual LAN
- 4 COM
- H/W Monitor
- Audio
- USB2.0
- SATA
- PC/104

FEATURES

- ▶ VIA C7 or ULV VIA V4 Eden processor 600MHz~2.0GHz
- ▶ One SO-DDRII socket with a max. capacity of 1GB
- ▶ VIA CX700(M) chipset
- ▶ Winbond W83697UF super I/O chipset
- ▶ VIA CX700(M) graphics controller
- ▶ 24-bit/48-bit LVDS Panel display interface
- ▶ Dual RealTek RTL8100C Ethernet controller
- ▶ VIA VT1708A HD audio controller
- ▶ VIA CX700(M) Serial ATA controller
- ▶ Fast PCI ATA/33/66/100 IDE controller
- ▶ CF, 4 COM, 5 USB2.0, PC/104, DOC
- ▶ Hardware Monitor function

ORDERING GUIDE

- ▶ **HS-6254**
C7 1GHz SBC w/CF, CRT/LVDS, Dual LAN, Audio, SATA, 4C/485, 5 USB2.0
- ▶ **HS-6254/Eden 1GHz(by order)**
Eden 1GHz SBC w/CF, CRT/LVDS, Dual LAN, Audio, SATA, 4C/485, 5 USB2.0

SPECIFICATIONS

- ***CPU:**
ULV VIA V4 Eden processor 600MHz/800MHz/1.0GHz
VIA C7 processor 1.0~2.0GHz
- ***Bus Interface:** PCI-ISA Bus (no 3.3V output through goldfinger)
- ***Front Side Bus:** 400MHz FSB
- ***Memory:** One SO-DDRII socket supports up to 1GB
- ***Chipset:** VIA CX700(M)
- ***I/O Chipset:** Winbond W83697UF
- ***CompactFlash:** One, Type I/II IDE interface adapter
- ***VGA:** VIA CX700(M) with 32/64/128MB shared main memory supports CRT display up to 1920 x 1440
- ***LVDS Panel:** Supports 24-bit single/48-bit dual channel LVDS interface up to 1600 x 1200
- ***Ethernet:** Dual RealTek RTL8100C 10/100 Based LAN
- ***Audio:** VIA VT1708A HD audio controller
- ***Serial ATA:** VIA CX700(M) controller and with 2 ports
- ***IDE:** One 2.0-pitch 44-pin IDE connector
- ***FDD:** Supports up to two floppy disk drives
- ***Serial Port:** 16C550 UART-compatible RS-232/422/485 x 1 and RS-232 x 3 serial ports with 16-byte FIFO
- ***PC/104:** PC/104 Bus connector for 16-bit ISA Bus
- ***USB:** 5 USB2.0 ports, internal x 4 and external x 1
- ***Keyboard/Mouse:** PS/2 6-pin Mini DIN or 6-pin header
- ***DiskOnChip:** DiskOnChip socket supports memory sizes of up to 288MB
- ***BIOS:** AMI PnP Flash BIOS
- ***Watchdog Timer:** Software programmable time-out intervals from 1~255 sec.
- ***CMOS:** Battery backup
- ***Temperature:** 0~+60°C (operating)
- ***Hardware Monitor:** Winbond W83L784R (only for PCB VER:0.5 or above)
- ***Dimensions:** 18.6(L) x 12.2(W) cm