UNICORN COMPUTER CORP.

ENDAT-4946i

Specifications

CPU:
Support Intel Core 2 Duo / Core Duo / Core Solo Processors with 667/533MHz FSB

Chipset:
INTEL 945GM + ICH7-M

BIOS:
Award Flash BIOS

System Memory:
One DDR2 DIMM socket accepts 667/533/400MHz up to 2GB

Enhanced IDE interface:
One IDE channels support up to 2 EIDE devices (1 x 40-pin), UDMA 33/66/100 mode and BIOS auto-detect

Serial ATA (SATA) interface:
2 port 150MHz Serial ATA Device

Display Controller:
- **Chipset:** Integrated in 945GM chip with DVMT3.0
- **Dual view:** CRT + LVDS or CRT + DVI
- **Display Type:**
  - CRT
  - DVI support with cable CB-4946DVI (Optional)
  - LVDS support 18/24/36/48bit Single/Dual Channel(Optional)
- **Display ratio:** 4:3 and 16:9

Audio Controller:
- **Chipset:** INTEL ICH7-M w/ AC'97 2.2 compliant, Multi-Stream Direct Sound and Direct Sound 3D acceleration
- **Speaker out with 1.2W amplifier**
- **Phone-jack**: Speaker-Out
- **Pin header**: Speaker-Out, MIC-In, CD-In and Line-In

High Speed Multi I/O:
- **Chipset:** 2 x Winbond W83627HG
- **Serial Ports:** 4 high speed RS-232 ports and 1 high speed RS-232/422/485 port (via COM2 as option). All 4 serial ports support 16C550 UART and 16 byte FIFO, and with +5V, +12V power selector.
- **Parallel Port:** 1 Bi-directional parallel port supports SPP/EPP/ECP mode
- **USB Ports:** 6 ports with 2.0 compliant
- **Infrared Port:** 1 IrDA TX/RX port with pin header
- **Keyboard / Mouse Connectors:** Support PS/2 keyboard and mouse with onboard connector and pin header
- **Watch Dog Timer:** SIO chip build in, programmable 1~255 seconds / minutes

Digital I/O:
8 bit input and 8 bit output (TTL level) by pin header

Network Interface:
- **Single LAN onboard**: 1x Realtek RTL8111B (Gigabit) 10/100/1000 Base T, full duplex with RJ 45 connector onboard
- **Compliant with IEEE 802.3x**

Power management:
ACPI Mode

Real Time Clock:
On chip RTC with external Li Battery backup

On board Bus Expansion:
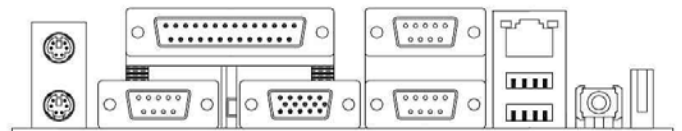One PCI expansion with PCI 2.2 compliance

Board Dimension:
Mini-ITX form factor, 170 mm x 170 mm (6.69" x 6.69")

Power Type:
Support standard ATX power supply

Operating Temperature: 0 ~ 60°C

Rear window:

Ordering Information:

ENDAT-4946i:
ENDAT-4946i:　　　w/ CRT support Gigabit LAN
ENDAT-4946i-L:　　w/ LVDS support, Gigabit LAN
ENDAT-4946i-D:　　w/ CRT+DVI support with DVI Cable : CB-4946DVI, Gigabit LAN

Spot light:
Dual view support by CRT + LVDS or CRT + DVI
Wide screen support for 16:9