



UNICORN COMPUTER CORP.

ADD : 3FL-4., No. 130, Chien-Kung Rd., Chung-Ho City, Taipei Hsien, Taiwan 235

TEL : 886-2-2223-6699 • 2223-6655

FAX : 886-2-2222-1269

http://www.unicorn-computer.com.tw

E-Mail : sales@unicorn-computer.com.tw • support@unicorn-computer.com.tw

ENDAT-7100M

Specifications

CPU:

VIA Eden 500MHz Processor (w/o fan)
VIA C7 1.5GHz Processor (w/ fan)

Chipset:

VIA CN700 + VT8237R Plus

BIOS:

Award Flash BIOS

System Memory:

One 240Pin DIMM Socket supports DDR2 533/400 up to 1GB

Enhanced IDE interface:

2 x IDE Connectors support 4 UltraDMA 133/100/66/33 devices (1 x 40-pin + 1 x 44-pin)

Serial ATA (SATA) interface:

Support 2 ports 150MB/s SATA device with Raid 0, 1, JBOD

Display Controller:

Chipset: Integrated VIA UniChrome Pro 3D / 2D Graphics & Video Processor with MPEG-2 Decoding Acceleration

- **Dual view support:** CRT + LCD
- **Display type:**
 - CRT
 - LVDS support 18/24/36/48bit Single/Dual Channel (*optional*)
- **Display ratio:** 4:3 or 16:9 support resolutions up to 1600x1200

Audio Controller:

- **Chipset:** Integrated VT8237R Plus Audio controller w/ VT1613 Audio Codec for 2 channel output
- **Interface:**
 - **Onboard phone-jack:** Line-out (1.2Watt)
 - **Onboard pin header:** Line-out, MIC-in, Line-in, CD-in and SPDIF-in/out

High Speed Multi I/O:

- **Chipset:** 2x Winbond W83697HG for 4 serial ports
- **Serial Ports:** 4 high speed RS-232 ports; Com 2nd could be as high speed 422/485 port (*optional*). All 4 serial ports support 16C550 UART and 16 byte FIFO, and with +5V, +12V power selector.
- **Parallel Port:** 2x Bi-directional parallel port support SPP/EPP/ECP mode (LPT2 by Box Header)
- **USB Ports:** 6 ports with USB 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 reserved onboard

Digital I/O:

16-bits Digital I/O with CMOS/TTL level (8 bit input and 8 bit output) by pin header

Watch Dog Timer:

Programmable 1~255 seconds / minutes

Network Interface:

- Chipset: VT8237R Plus integrated 10/100 Fast Ethernet w/ VT6103 (PHY)
- 10/100 Base-TX, 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 back up

PCI Expansion slot:

One PCI expansion up to 3 PCI slots via riser card with PCI 2.2 compliant

Board Dimension:

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

Power Types:

DC12V input with 2-pin wafer

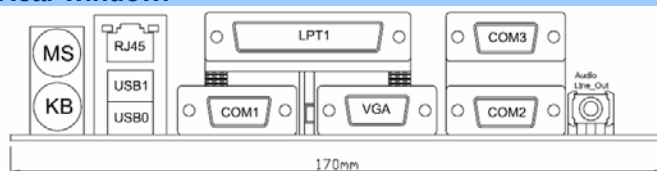
Operating Temperature: 0 ~ 60°C

Ordering Information:

ENDAT-7100M:

ENDAT-7100M-E5	VIA Eden 500MHz w/o fan
ENDAT-7100M-15	VIA C7 1.5GHz w/ fan
ENDAT-7100M-L-E5	VIA Eden 500MHz, w/o fan, LVDS support
ENDAT-7100M-L-15	VIA C7 1.5GHz, w/ fan, LVDS support

Rear window:



Spot light:

- **Supports 12V DC power input**
- **Fan-less solution (VIA Eden 500 MHz CPU)**
- **Dual view support by CRT + LVDS (*optional*)**
- **SATA x 2 + LPT x 2 + COM x 4 + USB x 6**