



# UNICORN COMPUTER CORP.

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## ENDAT-3400M

### Specifications

#### CPU:

VIA LUKE CoreFusion Processor 1.0GHz

#### Chipset:

VIA LUKE CoreFusion Processor + VT8237R Plus

#### BIOS:

Award Flash BIOS

#### System Memory:

One 184Pin Socket supports DDR 400/333/266 up to 1GB

#### Enhanced IDE interface:

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

#### Serial ATA (SATA) interface:

2 ports SATA device with Raid 0, 1

#### Display Controller:

**Chipset:** Integrated VIA UniChrome Pro 3D / 2D Graphics with SMA 16/32/64MB; supports H/W MPEG decoder

- **Dual view support:** CRT + LCD
- **Display type:**
  - CRT
  - LVDS support 18/24/36/48bit Single/Dual Channel
- **Display ratio:** 4:3 and 16:9
  - Support CRT resolutions up to 1920x1440
  - Support panel resolutions up to 1600x1200

#### Audio Controller:

- **Chipset:** Integrated VT8237R Plus Audio controller w/ VT1612A Audio Codec for 2 Channel output
- **Interface:**
  - **Onboard phone-jack:** Line-Out (1.2Watt), MIC-in and Line-in
  - **Onboard pin header:** Line-Out, CD-in and SPDIF-out

#### High Speed Multi I/O:

- **Chipset:** Winbond W83697HF for 2 serial ports support and Fintek LPC IO for 6 serial ports support (**optional by kit**)
- **Serial Ports:** 6 high speed RS-232 ports and 1 high speed RS-232/422/485 port (via COM2 as option), all 6 serial ports support 16C550 UART and 16 byte FIFO, and with +5V, +12V power selector. (COM3~COM6 is optional)
- **Parallel Port:** 1 Bi-directional parallel port support SPP/EPP/ECP mode
- **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:

4 bit input and 4 bit output (TTL level) 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
- Boot from LAN function
- Wake on LAN

#### Power management:

ACPI Mode

#### Real Time Clock:

On chip RTC with external Li Battery backup

#### On board Bus Expansion:

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:

DC 12V input w/ 2 pins wafer

**Operating Temperature:** 0 ~ 60°C

### Ordering Information:

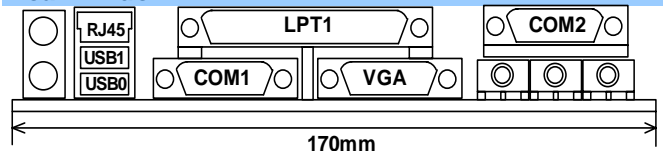
#### ENDAT-3400M:

ENDAT-3400M w/ 2 COM  
ENDAT-3400M-6 w/ 6 COM

#### Optional kit:

UC-COM56 For additional 4COM port (COM3~6)

#### Rear window:



#### Spot light:

**+12VDC input and Fanless solution**  
**Dual view support by CRT + LVDS**  
**MPEG-4 / MPEG-2 H/W Decoder**  
**H/W Rotation engine**  
**6 serial ports support**