



# UNICORN COMPUTER CORP.

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## ENDAT-3405M

### Specifications

#### CPU:

VIA LUKE CoreFusion Processor

#### 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:

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

#### Display Controller:

**Chipset:** Integrated VIA UniChrome Pro 3D / 2D Graphics with SMA 16/32/64MB

- **Dual view support:** CRT + LCD
- **Display type:**
  - CRT
  - Optional TTL
  - 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:** 2x Winbond W83697HF for 4 serial ports support
- **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:** 2 Bi-directional parallel ports 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:

8 bit input and 8 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

#### 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:

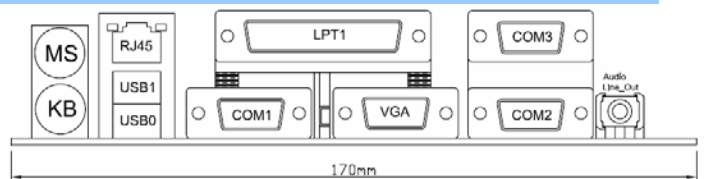
Mini-ITX form factor, 170 x 170 mm (6.69" x 6.69")

#### Power Types:

Standard ATX Power Supply

#### Operating Temperature: 0 ~ 60°C

#### Rear window:



#### Spot light:

- **Dual view support by CRT + LVDS**
- **MPEG Hardware Decoder**
- **Hardware Rotation engine**
- **6 ports USB 2.0**
- **4 serial ports support**
- **2 Parallel Ports support**