



UNICORN COMPUTER CORP.

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ENDAT-7207M

Specifications

CPU:

VIA Eden ULV 500MHz Processor (1W)
VIA C7 1.5GHz Processor (20W)

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

Serial ATA (SATA) interface:

Two 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 VT1636 support 2 channel 24bit LVDS**
- **Display type:**
 - CRT
 - LVDS1 support 18/24/36/48bit Single/Dual Channel
 - LVDS2 support 18/24/36/48bit Single/Dual Channel
- **Dual view support:** CRT + LCD or LCD + LCD
- **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:** 1 Winbond W83697HG for 2 serial ports support
- **Serial Ports:** 3 high speed RS-232 ports and 1 high speed RS-232/422/485 port (*via COM2 as option*) support 16C550 UART, 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 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-bits Digital I/O with CMOS/TTL level (4 bit input and 4 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:

1x 32-bit PCI slot 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

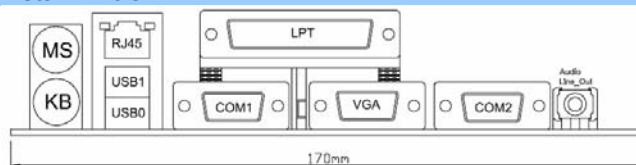
Operating Temperature: 0 ~ 60°C

Ordering Information:

ENDAT-7207M:

ENDAT-7207M-E5	VIA Eden ULV 500MHz	w/ 2LVDS support
ENDAT-7207M-15	VIA C7 1.5GHz	w/ 2LVDS support

Rear window:



Spot light:

- **Fanless solution (VIA Eden ULV 500MHz)**
- **with 2 LVDS LCD outputs**
- **With 2 serial ports and 1 Parallel port**