



UNICORN COMPUTER CORP.

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ENDAT-7201MH

Specifications

CPU:

- VIA Eden ULV 500MHz Processor (1W)
- VIA Eden 1.0 GHz Processor (5W)
- VIA C7-D1.5GHz Processor (20W)

Chipset:

VIA CX700M

BIOS:

Award Flash BIOS

System Memory:

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

Enhanced IDE interface:

One IDE Connector supports 2 UltraDMA 133/100/66/33 devices

Serial ATA (SATA) interface:

Two ports 300MB/s SATA device with Raid 0, 1, JBOD

Display Controller:

Chipset: Integrated VIA UniChrome Pro II 3D/2D AGP graphics with MPEG-2/4 and WMV9 decoding acceleration

- **Dual view support:** CRT+LVDS or CRT+DVI (*optional*)

- **Display type:**

- CRT
- LVDS support 18/24/36/48bit Single/Dual Channel
- DVI VT1632A (*optional*)

- **Display ratio:** 4:3 or 16:9 support resolutions up to 1600x1200

Audio Controller:

- **Chipset:** Integrated CX700M Audio controller w/ VT1708A HD Audio Codec for 2 channel output

- **Interface:**

- **Onboard pin header:** Line-out, MIC-in, Line-in, CD-in and SPDIF-in/out

High Speed Multi I/O:

- **Chipset:** Winbond W83697HG and Fintek F81216D
- **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 with box header, and +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 pin header

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: VIA Gb LAN Controller VT6122
- 10/100/1000 Base-TX, Full duplex with RJ-45 connector
- 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:

5.25" SBC form factor, 203 x 146 mm (7.9" x 5.7")

Power Types:

DC 12V input or Standard ATX Power Supply

Operating Temperature: 0 ~ 60°C

Ordering Information:

ENDAT-7201MH:

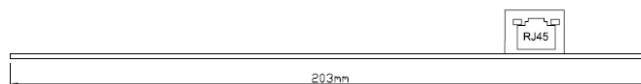
ENDAT-7201MH-E5	VIA Eden ULV 500MHz
ENDAT-7201MH-E10	VIA Eden 1.0 GHz
ENDAT-7201MH-15	VIA C7 1.5GHz
ENDAT-7201MH-D-E5	VIA Eden ULV 500MHz w/ DVI support
ENDAT-7201MH-D-E10	VIA Eden 1.0 GHz w/ DVI support
ENDAT-7201MH-D-15	VIA C7 1.5GHz w/ DVI support

**please specify power type (DC or ATX) when order boards.*

ENDAT-7201MH supports ATX power input

ENDAT-7201MHC supports 12V DC power input

Rear window:



Spot light:

- **Fanless solution (VIA Eden ULV 500MHz)**
- **Dual view support by CRT+LVDS or CRT+DVI**
- **2 options for power input: DC 12V or ATX**
- **MPEG-2/4 and WMV9 Hardware Decoding Acceleration**
- **All I/O ports are reserved as box header**