



UNICORN COMPUTER CORP.

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ENDAT-9401MH

Specifications

CPU:

Embeds Intel Celeron M 423 Processor 1.06GHz with 533MHz FSB

Chipset:

INTEL 945GM + ICH7-M

BIOS:

Award Flash BIOS

System Memory:

One DDR2 DIMM socket accepts 533/400MHz up to 2GB

Enhanced IDE interface:

One IDE channel supports up to 2 EIDE devices (1 x 40-pin), UDMA 33/66/100 mode and BIOS auto-detect

Serial ATA (SATA) interface:

Support 2 ports 300MB/s SATA device.

Display Controller:

- **Chipset:** Intel Graphics Media Accelerator (Intel GMA950)
- **Dual view:** CRT + LVDS or CRT + DVI (Optional) or **LVDS + LVDS (Optional)**
- **Display Type:**
 - CRT with box header
 - LVDS support 18/24/36/48bit Single/Dual Channel(Optional) with pin header
 - DVI Transmitter up to 165M pixel/second (Optional) with pin header
- **Display ratio:** 4:3 and 16:9

Audio Controller:

- **Chipset:** INTEL ICH7-M w/ AC'97 2.2 compliant, Multi-Stream Direct Sound and Direct Sound 3D acceleration
- **Speaker out with 1.2W amplifier**
- **Pin header:** Speaker-Out, MIC-In, CD-In and Line-In

High Speed Multi I/O:

- **Chipset:** 2 x Winbond W83627HG
- **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 with box header
- **USB Ports:** 6 ports with 2.0 compliant with pin header
- **Infrared Port:** 1 IrDA TX/RX port with pin header
- **Keyboard / Mouse Connectors:** Support PS/2 keyboard and mouse with pin header
- **Watch Dog Timer:** SIO chip build in, programmable 1~255 seconds / minutes

Digital I/O:

8 bit input/output (TTL level) by pin header

Network Interface:

- **Dual LAN onboard:** 2x Realtek RTL8111B (Gigabit)
- **10/100/1000 Base T, 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 backup

On board Bus Expansion:

One PCI expansion with PCI 2.2 compliance
One Mini-PCI socket onboard

Board Dimension:

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

Power Types:

Standard ATX power

Operating Temperature: 0 ~ 60°C

Ordering Information:

ENDAT-9401MH:

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|-------------------------|--|
| ENDAT-9401MH: | w/ CRT support, Dual Gigabit LAN |
| ENDAT-9401MH-L: | w/ LVDS support, Dual Gigabit LAN |
| ENDAT-9401MH-L2: | w/ dual LVDS support, Dual Gigabit LAN |
| ENDAT-9401MH-D: | w/ DVI support, Dual Gigabit LAN |

Spot light:

- **Dual view by CRT + LVDS or CRT + DVI or LVDS + LVDS**
- **support Wide screen 16:9**
- **Dual Ethernet controller onboard**
- **Mini-PCI socket onboard**