



# UNICORN COMPUTER CORP.

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## ENDAT-4052M

### Specifications

#### CPU:

On-board Ultra Low Voltage CPU

- Celeron-M 1.0GHz 400FSB, 0KB L2 cache;
- Celeron-M 600MHz 400FSB, 512KB L2 cache

#### Chipset:

INTEL 852GM + ICH4

#### BIOS:

Award Flash BIOS

#### System Memory:

One DDR DIMM socket accepts 333/266/200MHz up to 1GB DDRAM with ECC (ECC is only available while 852GME on board)

#### Enhanced IDE interface:

- Two IDE channels support up to 4 EIDE devices (1 x 40-pin + 1 x 44-pin), UDMA 33/66/100 mode and BIOS auto-detect

#### Display Controller:

**Chipset:** Integrated in 852GM / GME chip with DVMT support up to 96MB (max)

- **Dual view:** CRT + LVDS

- **Display Type:**

- CRT
- LVDS

- **Display ratio:** 4:3 and 16:9

#### Audio Controller:

- **Chipset:** INTEL ICH4 w/ AC'97 2.0 compliant, Multi-Stream Direct Sound and Direct Sound 3D acceleration

- **Speaker out with 1.2W amplifier:**

**Phone-jack:** Speaker-Out

**Pin header:** Speaker-Out, MIC-In, CD In and Line-In

#### High Speed Multi I/O:

- **Chipset:** 2 x Winbond W83627THF

- **Serial Ports:** 4 high speed RS-232 ports; Com 2<sup>nd</sup> could be as high speed 422/485 port (optional).

All 4 serial ports support 16C550 UART and 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 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

- **Watch Dog Timer:** SIO chip build in, programmable 1~255 seconds / minutes

#### Digital I/O:

4 bit input and 4 bit output (TTL level) by pin header

#### Network Interface:

- Dual LAN onboard: INTEL 82551ER X 2
- 10/100 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 up to 3 PCI slots via riser card with PCI 2.2 compliance
- One miniPCI socket onboard

#### Board Dimension:

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

#### Power Type:

ATX power supply

#### Operating Temperature: 0 ~ 60°C

### Ordering Information:

#### ENDAT-4052M:

**ENDAT-4052M-10:** On board Intel Celeron-M ULV 1GHz CPU (w/fan)  
CRT  
Dual 24bit LVDS panels  
Dual LAN

**ENDAT-4052M--6:** On board Intel Celeron-M ULV 600MHz CPU (w/fan)  
CRT  
Dual 24bit LVDS LCD panels  
Dual LAN

#### Rear window:

