



# UNICORN COMPUTER CORP.

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## ENDAT-4066i

### Specifications

#### CPU:

Supports Socket 478 Intel Pentium4 / Celeron / Celeron D with 533/400/800MHz FSB Processors.

#### Chipset:

INTEL 865GV + ICH5

#### BIOS:

Award Flash BIOS

#### System Memory:

Single Channel with One DDR DIMM socket accepts 400/333/266MHz up to 1GB SDRAM

#### Enhanced IDE interface:

- One 40-pin box header supports up to 2 EIDE devices, Ultra DMA transfer 33/66/100 mode and BIOS auto-detect
- One 44-pin 2m/m box header support 2.5" IDE devices

#### Serial ATA (SATA) interface:

1 port 150MHz Serial ATA Device

#### Display Controller:

**Chipset:** On INTEL 865GV with DVM T Graphic controller up to 96MB (max)

##### • Display Type:

- CRT
- LVDS support 18/24/36/48bit Single/Dual Channel (Optional)

##### • Display ratio: 4:3 and 16:9

#### Audio Controller:

- **Chipset:** INTEL ICH5 w/ AC'97 2.0 compliant, Multi-Stream Direct Sound and Direct Sound 3D acceleration
- **Interface:** Speaker-Out onboard phone-jack with 1.2W amplifier; Speaker-Out, MIC-In, CD In and Line-In via onboard phone jack and pin header

#### High Speed Multi I/O:

- **Chipset:** Winbond W83627THF and Fintek LPC IO integrated
- **Serial Ports:** 6 high speed RS-232 ports (COM3~COM6 by UC-COM56; optional. COM2 could be RS422/485; optional) 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
- **Keyboard / Mouse Connectors:** Support PS/2 keyboard and mouse with onboard connector and pin header reserved onboard

#### Digital I/O:

2 bit input and 2 bit output (TTL level) by pin header

#### Watch Dog Timer:

Programmable 1~255 seconds / minutes

#### Network Interface:

- Chipset: INTEL 82801EB + INTEL 82562EX
- 10/100 Base T, full duplex with RJ 45 connector onboard
- Compliant with IEEE 802.3X
- Wake on LAN
- Boot from LAN function

#### 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

#### Board Dimension:

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

#### Power Types:

Support standard P4-ATX power supply

#### Operating Temperature: 0 ~ 60°C

### Ordering Information:

#### ENDAT-4066i:

**ENDAT-4066i** w/ CRT support, 10/100 LAN / 2 COM  
**ENDAT-4066i-L** w/ LVDS function, 10/100 LAN / 2 COM

#### Optional:

UC-COM56 for 4 additional COM ports