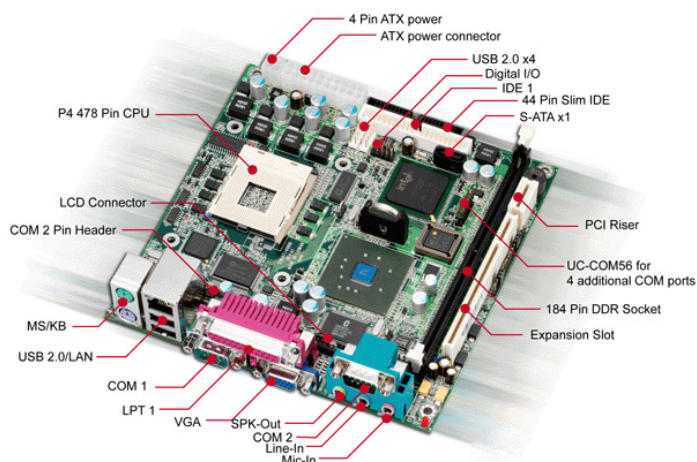


# ENDAT-4066I



Mini-ITX format system boards with Intel P4 CPU for IPC applications

## Features

Support Intel Socket 478 CPU  
Intel 865GV + ICH5  
1 x 10/100 LAN  
Support LVDS dual Ch. interface (optional)  
6 COMs w/ +5V, +12V power selector  
6 x USB 2.0; 2 x SATA  
Support AC'97 Audio  
Support WDT & DIO  
170mm x 170mm

## 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 device

### Serial ATA (SATA) interface:

1 port 150MHz Serial ATA Device

### Display Controller:

- Chipset: On INTEL 865GV with DVMT Graphic controller up to 96MB (max)
- Display Type:
  1. CRT
  2. 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 back up

### 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 P4-ATX power supply

### Operating Temperature:

0 ~ 60°C

### Ordering Information:

#### ENDAT-4066i:

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

#### Optional:

<b>UC-COM56</b>	for 4 additional COM ports
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