UNICORN COMPUTER CORP.

ADD：3FL-4., No. 130, Chien-Kung Rd., Chung-Ho City, Taipei Hsien, Taiwan 235

TEL：886-2-2223-6699‧2223-6655　　　FAX：886-2-2222-1269

http://www.unicorn-computer.com.tw

E-Mail：sales@unicorn-computer.com.tw‧support@unicorn-computer.com.tw

ENDAT-3205S

Specifications

CPU:
Support Socket370 Intel Tualatin / Pentium III / Celeron / FCPGA / FCPGA2 / VIA C3 Processors.

Chipset:
VIA VT8606-Twister T North Bridge with integrated S3 AGP 4x Graphic Controller and VT82C686B Super I/O South Bridge

BIOS:
AWARD Flash BIOS

System Memory:
One DIMM socket accepts up to 512MB SDRAM

Enhanced IDE interface:
- Two 40-pin box header support up to 4 EIDE devices, Ultra DMA transfer 33/66/100 mode and BIOS auto-detect

Display Controller:
- **Chipset:** On VT8606-Twister T chip 2D/3D Graphic Controller with SMA up to 32MB
- **Display Type:**
  - CRT
  - TFT with TTL: 18bit, 24bit, 36bit LCD panels
  - TFT with LVDS: 18bit, 24bit, 36bit LCD panels (24bit is optional)
  - DSTN with TTL: 8bit, 16bit, 24bit
- **LCD Panel Resolution:** 640 x 480; 800 x 600; 1024 x 768; 1280 x 1024; 1280 x 768
- **Display ratio:** 4:3 and 16:9

Audio Controller:
- **Chipset:** VIA VT82C686B, 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 pin header

High Speed Multi I/O:
- **Chipset:** VIA VT82C686B integrates with Super I/O
- **Serial Ports:** 3 high speed RS-232 ports and 1 high speed RS-232/422/485 port (via COM2 as option), all 4 serial ports support 16C550 UART and 16 byte FIFO, and with +5V, +12V power selector
- **Parallel Port:** 1 Bi-directional parallel port support SPP/EPP/ECP mode
- **USB Ports:** 4 ports with 1.1 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 reserved onboard

Digital I/O:
6 bit input (optional) and 2 bit output (TTL level) (Standard) by pin header

Cash Drawer:
0V / +12V output controller by one pin header

Compact Flash Socket: (Optional)
Support type I/II Compact Flash Card

Watch Dog Timer: (Optional)
Programmable 1~255 seconds

Network Interface:
- Chipset: Realtek 8139D and Optional for 2nd Realtek 8139D
- 10/100 Base T, full duplex with RJ 45 connector onboard
- Compliant with IEEE 802.3X
- 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 ATX power supply

Operating Temperature: 0 ~ 60°C

Ordering Information:

ENDAT-3205S:

ENDAT-3205S-1R	with One Realtek LAN
ENDAT-3205S-2R	with Two Realtek LAN

*The Specification in this catalog are subject to change without notice.