UNICORN COMPUTER CORP.

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ENDAT-3701 series

Specifications

CPU Support:
Support Socket 370 Intel Pentium III FCPGA / Celeron™ FCPGA / VIA C3 CPUs

Chipset:
VIA PM133 VT8605 66/100/133MHz North Bridge and VT82C686B South Bridge Super I/O

BIOS:
AWARD Flash BIOS

System Memory:
Two DIMM sockets accepts up to 1GB SDRAM support PC-66/PC-100/PC-133 frequency

Enhanced IDE interface:
Two 40-pin box header support up to 2 EIDE devices, Ultra DMA transfer 33/66/100 mode and BIOS auto-detect

FDD interface:
Support up to two Floppy Disk Drives

Display Controller:
- Chipset: Asiliant C&T 69000 or C&T 69030
- Memory Size: SDRAM 2MB (69000) or 4MB (69030)
- Display Type: CRT; TFT/STN/Mono LCD panel
- LCD panel Resolution: 640 x 480; 800 x 600; 1024 x 768; 1280 x 1024
- Dual Display: Support physical dual display (C&T 69030 only)

Audio Controller: (optional)
- Chipset: VIA VT82C686B, AC'97 2.0 compliant, Multi-Stream Direct Sound and Direct Sound 3D acceleration
- Interface: Line In, CD In, MIC In, Speaker Out (optional)

High Speed Multi I/O:
- **Chipset:** VIA VT82C686B integrated Super I/O
- **Serial Ports:** 4 high speed RS-232 ports with 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 Ports:** 2 Bi-directional parallel ports 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:** Support PS/2 keyboard and mouse with reserved pin header on board

Network Interface:
- Chipset: 1 x Realtek 8139C or 1 x Intel 82559/ER (OEM)
- 10/100 BaseT / TX support, full duplex with RJ 45 connector on board
- Compliant with IEEE 802.3X
- Boot from LAN function

On board solid State Disk Interface:
One DOC 2000 socket support M-System DiskOnChip

Power management:
Supports power saving modes including APM 1.2 compliant

Real Time Clock:
On chip RTC with external Li Battery back up

On board Bus Expansion:
188-pin connectors with PCI and ISA signal for expansion up to 3 PCI slots and 3 ISA slots

Board Dimension:
LPX form factor, 220 x 220 mm

Power Types:
Support AT and ATX power supply by jumper selection

Operating Temperature: 0 ~ 60°C

Ordering Information:

Standard:

ENDAT-3701	with Realtek LAN + C&T 69000
ENDAT-3701-030	with Realtek LAN + C&T 69030
ENDAT-3701i (OEM)	with Intel LAN + C&T 69000

Audio Kit Options:

AV Card	with 3W amplifier + bracket
UC-A001	with 3W amplifier
UC-A002	without 3W amplifier