



UNICORN COMPUTER CORP.

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ENDAT-3702

Specifications

CPU Support:

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

Chipset:

VIA PM133 VT8605 66/100/133MHz North Bridge with integrated S3 savage4 AGP 4X Graphic controller and VT82C686B Super I/O

BIOS:

AWARD Flash BIOS

System Memory:

Two DIMM sockets accept 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: On VT8605 chip integrated S3 savage4 AGP 4X Graphic controller with SMA up to 32MB
- Display Type: CRT; TMDS interface LCD panel

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:** 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 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 Connectors:** Support PS/2 keyboard and mouse with reserved pin header on board

Network Interface:

- Chipset: 1 x Realtek 8139C
- 10/100 BaseT 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:

Audio Kit Options:

AV Card
UC-A001

with 3W amplifier + bracket
with 3W amplifier