UNICORN COMPUTER CORP.

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ENDAT-3220M

Specifications

CPU:
Onboard VIA C3 Processor with 128KB Level 1 and 64KB Level 2 Cache with FSB 100/133MHz EBGA Package:
- CPU w/ FAN: C3 series
- CPU w/o FAN: Eden series

Chipset:
VIA 8601 66/100/133MHz North Bridge with integrated 2D/3D Graphic Controller and VT82C686B Super I/O

BIOS:
AMI 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

FDD interface:
Support up to two Floppy Disk Drives

Display Controller:
- **Chipset:** On VT8601 chip 2D/3D Graphic Controller with SMA up to 8MB
- **Display Type:** CRT only

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
- COM3, 4 and LPT2 via 2nd I/O kit: **UC-COM34**
- **Parallel Ports:** 2 Bi-directional parallel ports support SPP/EPP/ECP mode
- **USB Ports:** 2 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

Network Interface:
- Chipset: Realtek 8139D or optional for Intel 82551QM/ER (no Boot ROM function)
- 10/100 BaseT support, full duplex with RJ 45 connector onboard
- Compliant with IEEE 802.3X
- Boot from LAN function

Power management:
Supports power saving modes including APM 1.2 compliant

Real Time Clock:
On chip RTC with external Li Battery backup

On board Bus Expansion:
One PCI expansion with edge connector for up to 3 PCI slots expansion via riser card with PCI 2.2 compliance

Board Dimension:
Mini-ATX / 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:
For desired CPU speed, please contact us before ordering

ENDAT-3220M:
ENDAT-3220M-1R-8
with Realtek LAN + C3 800MHz CPU

ENDAT-3220M-1R-10
with Realtek LAN + C3 1GHz CPU

ENDAT-3220M-1R-5
with Realtek LAN + Eden 533MHz CPU

ENDAT-3220M-1i-8
with Intel LAN + C3 800MHz CPU

ENDAT-3220M-1i-10
with Intel LAN + C3 1GHz CPU

ENDAT-3220M-1i-5
with Intel LAN + Eden 533MHz CPU