



# 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 2<sup>nd</sup> 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