

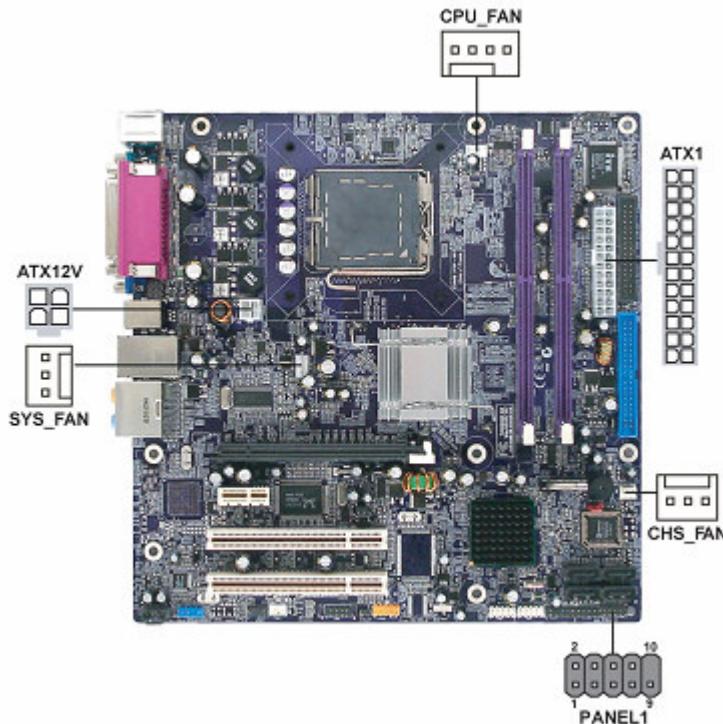
# EZ Automation CAP/EAS Encoder-Decoder

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The EZ Automation CAP/EAS Encoder-Decoder is built from commercially available computer hardware. The software can operate on a wide variety of hardware. The hardware for the unit was based on needed features. Other important parts include an SATA drive, DIMM memory, 2 status LED's, and a simple speaker. The unit is controlled via a keyboard/mouse/VGA monitor display, LAN and/or external serial port. Here is a diagram of the overall schematics of the unit, which is in essence, a rack-mount Windows™ computer.



## **Expansion Options**

The motherboard has a full set of I/O ports and connectors:

- Two PS/2 ports for mouse and keyboard
- Two serial ports
- One parallel port
- One VGA port
- Four USB ports
- One LAN port
- Audio jacks for rear line-in and lineout. Header for extra line-in and lineout.

## **Integrated I/O**

The motherboard comes with the following expansion options:

- One PCI Express x16 slot for Graphic Interface
- One PCI Express x1 slot
- Two 32-bit PCI v2.3 compliant slots
- One 40-pin IDE low profile header that support two IDE devices
- One floppy disk drive interface
- Four 7-pin SATA connectors

The motherboard supports UDMA bus mastering with transfer rates of 100/66/33 Mb/s.

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