

# E-Ship (Recommended Hardware)

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E-Ship supports the following hardware:

## Packing Station Computer:

An E-Ship packing station consists of a Navision Client with OCX controls and carrier specific API software installed. For this reason we recommend either Windows 2000 or Windows XP as an operating system running on a minimum of a 500 MHZ CPU with 128MB of memory.

## Barcode Printers:



E-Ship supports both Eltron (EPL2 language) and Zebra (ZPL2 Language) printers for UPS, FedEx and Airborne labels as well as the standard label formatter labels. However, FedEx only supports the Eltron (EPL2 language) printers for their labels. If you wish to use a single printer for UPS, FedEx and UCC128 labels we recommend the following printer:

[http://www.zebra.com/PA/Printers/product\\_LP2844.htm](http://www.zebra.com/PA/Printers/product_LP2844.htm)

The Eltron company has now been purchased by Zebra so printers formerly labeled as Eltron will now have Zebra labels. They should not be confused with other Zebra printers, which support the Zebra (ZPL2 language).

Although these printers typically work on communications ports or parallel printer ports, we strongly recommend the use of a parallel printer port.

If you do not have a source for these printers Scan Source is a good alternative. They can be reached at 1-800-944-2432. Their website is <http://www.scansource.com>.

## Barcode Scanner:



E-Ship uses a hand held scanner attached to the computer keyboard to scan sales order numbers and items as they are packed. Although most scanners will work we recommend the Symbol scanners for reliability and ease of configuration. You can also find these at Scan Source <http://www.scansource.com>.

We recommend the LS4000 series scanner. The 4000 family can be purchased through Scan Source but you can see the fact sheets on Symbol's website at:

[http://www.symbol.com/products/barcode\\_scanners/barcode\\_handheld\\_ls\\_4000.html](http://www.symbol.com/products/barcode_scanners/barcode_handheld_ls_4000.html)

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The following link shows a wireless version of the symbol scanner:

[http://www.symbol.com/products/barcode\\_scanners/barcode\\_handheld\\_p370\\_p470.html](http://www.symbol.com/products/barcode_scanners/barcode_handheld_p370_p470.html)

When purchasing a scanner you should make sure that it can connect between the keyboard and computer.

Prices for wired scanners average \$400 depending on the options. Wireless versions will be more expensive.

### Electronic Scales:



Almost any type of electronic scale will work with E-Ship. A good alternative to minimize setup issues is Fairbanks. You can find their website at [www.fairbanks.com](http://www.fairbanks.com). More specifically you can find the Fairbanks Ultegra scale at:

<http://www.fairbanks.com/info/default.asp?id=1>

You should select the **Ultegra® Series Genral Purpose Bench Scales** with a **Communications Port** not the USB model.

<http://www.fairbanks.com/manuals/50522.pdf>

Average scale prices range between \$500 and \$1,000, depending on options.

Additional options such as rollers can also be purchased so the scale can be mounted in a packing line.