



# Tech Info Library

## Personal LaserWriter NTR: Printing Legal Size with PC Software

Revised: 11/11/92  
Security: Everyone

Personal LaserWriter NTR: Printing Legal Size with PC Software

=====  
Article Created: 19 October 1992

TOPIC -----

I purchased a Macintosh Quadra 700, a 16-inch color monitor, and a Personal LaserWriter NTR. I have an application from VAR that I run under SoftAT. I found it impossible to print to the Personal LaserWriter NTR from within SoftAT.

I purchased an i386 PC just to run this software. Now I can print to the Personal LaserWriter NTR, but not legal size. The printer is set to HP Emulation. A setup string is in a dialog box that comes up in the UAR software. The book from UAR states that to print to an HP requires the setup string to read: HP11 Chr(27);"&l3A". This string in the dialog box along with the switch on the HP set to legal will produce legal output, but there's no switch on a Personal LaserWriter NTR. Also, when I include the lower case "L" in the setup text string, I get a PostScript error.

Personal LaserWriter NTR Configuration:

- Thumb wheel set to position 8: This should yield HP IIP emulation.
- Baud rate of 9600
- Parallel port on the Personal LaserWriter NTR from the i386 PC
- DB-25 male to Centronics 36-pin parallel cable

DISCUSSION -----

Our testing indicates that the only way to print legal size documents without a legal size paper tray installed is to set the port, in this case the parallel port, to PostScript mode and prepend all HP LaserJet IIP jobs with the following:

```
legal  
currentfile /LaserJetIIP statusdict /emulate get exec
```

and end the job with a control-D (eof character).

The "legal" operator in the first line tells the LaserWriter to use a legal size frame buffer for the current job.

If you install a "Personal LaserWriter 250 Sheet Cassette Base" and use a legal tray, you should have no problems using the parallel port in HP LaserJet IIP emulation mode and printing legal size documents.

Copyright 1992, Apple Computer, Inc.

Tech Info Library Article Number:10359