LaserWriter IINTX-J Printing Problems

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    • For technical accuracy.

TOPIC --

I'm having printing problems with a Kanji LaserWriter. I need to print both
Japanese and English documents on the same LaserWriter IINTX-J. Can you
answer these questions?

1) LaserWriter 5.2 works, but very slowly. In fact, a page in Osaka prints
   faster on a LaserWriter IINTX (bitmapped output) than on a LaserWriter
   IINTX-J.

2) LaserWriter 5.3 works OK in Kanji on the LaserWriter IINTX-J but does not
   support printing in Roman characters. We cannot print a page of plain text
   in Times or Helvetica. Can you explain?

3) Does Apple have a Kanji PrintMonitor/Laser Prep/LaserWriter 6.0 Driver?

DISCUSSION ---

1) This is an interesting problem and will be obvious once explained. There
   are variables that need confirmation and reconciliation, however.

   Osaka is a bitmapped font and has no PostScript equivalent; therefore, the
   optimal print times will be the same if everything is equal (actually, a
   bitmap print job is a little faster on a LaserWriter IINTX-J because the
   printer ROM version is newer, and the LaserWriter IINTX-J is usually
   configured with more RAM than a stock LaserWriter IINTX).

   In your case, print jobs are probably slower on the LaserWriter IINTX-J
   because Font Substitution is most likely selected, causing the driver to
   perform additional searching (it attempts to locate and use a "double-wide"
   Kanji font on the printer) prior to printing. (The question to ask that
   will help verify the problem is whether both outputs are bitmapped,
   or if the LaserWriter IINTX-J substitutes a built-in PostScript font.) If

it is printing a bitmapped font, even though Font Substitution is selected,
the wrong version of "Kanji" fonts are being used or the font is damaged.
We recommend that you always install the version of "Kanji" fonts that
comes with the drivers and OS, and don't mix and match older fonts with
newer drivers, for instance.

(NOTE: The above suggested workarounds are, of course, negated if you are
using a program like MacPaint, which outputs a bitmap. This answer assumes
that you are using a word processing or other type of application.)

2) This is very peculiar, and should work! We suspect the wrong versions of
   fonts are being used with the wrong version of driver. Less likely is that
   the application, drivers, or OS is damaged. Again, it is best to replace
   old Kanji fonts with the new ones that accompany the drivers and OS when
   updating the drivers. To investigate this further, we would need more
   details. Eventually, you may want to upgrade the account to the latest
   version of the driver, when you obtain it.

3) You can obtain the J1-5.3 driver from the Technical Support Information
   Source CD on the Utilities 2 disk.

Performance Tips

- For optimal appearance of the output and throughput, you might want to use a
  built-in PostScript Kanji font, Gothic or Saimin, particularly if you are
  doing any scaling.

- If you are using both Kanji and Roman fonts in your document, for optimal
  printing speed, don't use a font menu to select between the fonts. Instead,
  use the Roman fonts built in to the Kanji font. You can change back and
  forth between the Kanji characters and Roman characters, say in Kyoto, by
  pressing Command-space. This minimizes the number of font bitmaps the
  printer must build when printing a job, which can decrease the amount of
  timerequired to print.
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