

OKI[®]
People to People Technology™



OKIPAGE[™]

Flash SIMM Kit Hardware Installation Guide

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Introduction

With the OKIPAGE Flash SIMM (Single In-line Memory Module) card installed in your printer, you can store information such as downloaded fonts, bar codes, form overlays and macros. These are stored in “flash” memory, which means that they are not erased when the printer is switched off.

Use the OKI Image Creator and NetFlash software utilities on the CD included in this kit, to download flash memory fonts and macros, etc.

- ! ***Fonts, forms or bar code images are not provided with this kit.***

Follow the instructions in this guide to install the Flash SIMM in your OKIPAGE printers and install the Image Creator and NetFlash utilities in your computer. Operating instructions for the Image Creator and NetFlash utilities are located on the CD included in this kit.

- ! ***Your OKIPAGE printer accommodates only one Flash SIMM. Be sure to insert the SIMM into the socket specified in the following sections.***

Kit contents

Kit # 70035701

- 4 MB Flash SIMM card
- CD
- SIMM Installation Guide

Kit # 70035801

- 8 MB Flash SIMM card
- CD
- SIMM Installation Guide

Installing Flash Memory in the OKIPAGE® 10i, 10i/n, 10e, 10ex, 12i and 12i/n Printers

For models listed above, the flash memory SIMM is installed on one of the following optional accessory boards.

- 1 MB Memory Expansion Kit (Part # 70033101)
- RS-232C Serial Interface Kit (Part # 00025302)
- OKILAN® 310e Network Interface Kit (OKIPAGE 10i only) (Part # 70032901)
- OKILAN® 310e+ Network Interface Kit (OKIPAGE 12i only) (Part # 70032902)

If your printer is not equipped with one of these accessories, you will need to purchase the accessory to install the Flash SIMM in the printer. Expansion sockets are provided on each board included in the option kits.

Preparing Your Printer

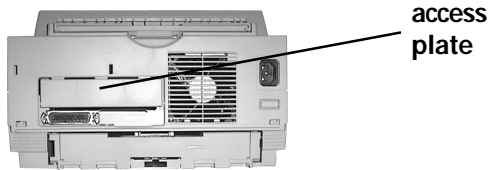
- ! **CAUTION!** *SIMMs and circuit boards can be damaged by static electricity and rough handling. Keep the SIMM card and option board in the packaging until you're ready to perform the installation. To avoid damage to the SIMM card, ground yourself by touching the chassis of your computer each time before handling.*
- ! **WARNING!** *Disconnect printer from power before beginning installation procedure.*

- 1 Turn the printer off and unplug the power cord.
- 2 Detach the interface cable.
- 3 If an option board is already installed in your printer, turn the screws counterclockwise, then slide the board out of the printer.

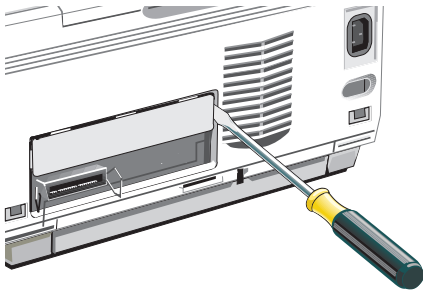
Removing the Access Plate

If you are installing an option board for the first time:

- a. Turn the printer around so the rear is facing you.



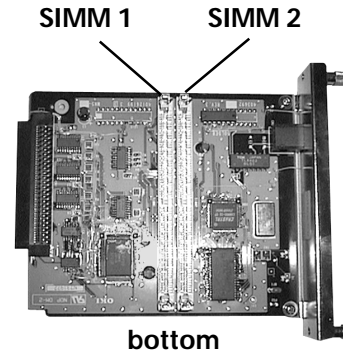
- b. Use a screwdriver to pry the plate from the back panel of the printer.



Installing the SIMM Card

Install the Flash SIMM card in the **SIMM 2** socket on the option board.

- 1 Place the option board on a flat surface. Locate the SIMM 2 socket.

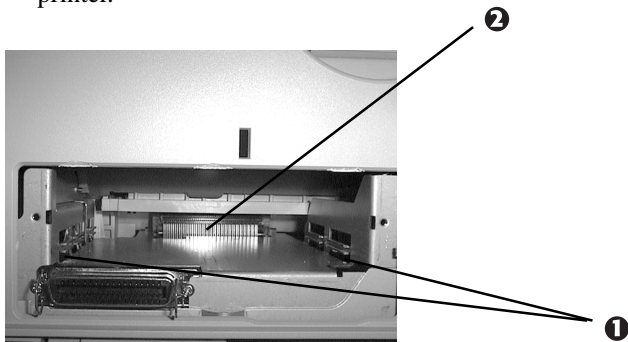


- 2 Remove the SIMM card from its packaging.
- 3 Hold the SIMM card with the metallic contact edge down, and the notch on the bottom.
- 4 Insert the metallic contact edge of the SIMM card into the **SIMM 2 socket** at a 45° angle.

- 5 **Push in** until the metallic contacts are fully inserted into the socket.
- 6 Push the SIMM card **forward** slightly until it snaps into place. The plastic mount pins should fit into the holes on each end of the SIMM card.

Installing the Board

- 1 Locate the guide rails (1) and edge connector (2) in the printer.



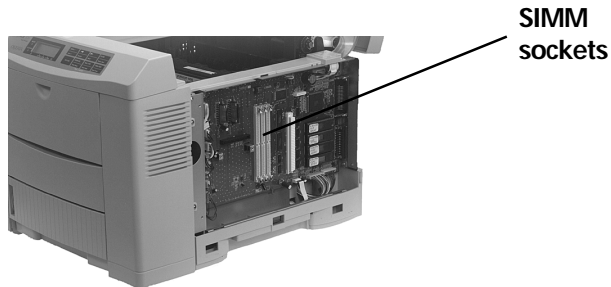
- 2 Insert the option board into the printer, making sure that it locates in the guide rails. Slide in the board and push it firmly into place.
- 3 Tighten the screws.

! *If the screws do not fit, the board may not be properly seated. Slide the board out and reinstall it.*

Installing Flash Memory in the OKIPAGE 20, 20DX and 20DXn Printers

SIMM Configurations

The OKIPAGE 20/20DX has three slots for installation of optional SIMMS:



- ! **CAUTION!** SIMMs and circuit boards can be damaged by static electricity and rough handling. Keep the SIMM cards and option board in the packaging until you're ready to perform the installation. To avoid damage to SIMMs, ground yourself by touching the chassis of your computer each time before handling.
- ! **WARNING!** Disconnect printer from power before beginning installation procedure.

Preparing Your Printer

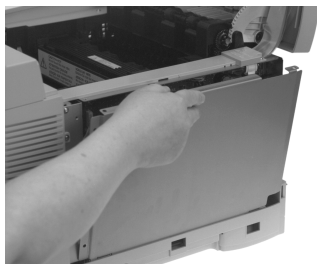
- 1 Turn printer off and unplug power cord.
- 2 Detach the interface cable.
- 3 Push the OPEN button, then open the top cover.



- 4 Remove and save the two large screws on the right side, which hold the side panel in place.



- 5 Pull the side panel out and remove it from the printer.

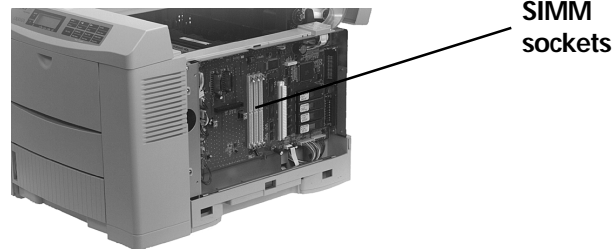


- 6 Remove and save the two screws on the left of the metal plate covering the internal board, then pull the plate out about an inch and lift it out.

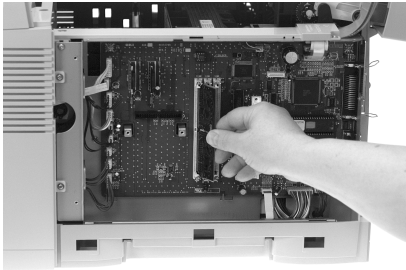


Installing the SIMM Card

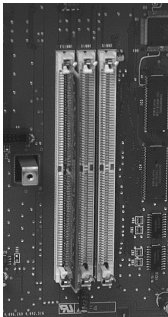
- 1 Locate the three SIMM sockets on the board.



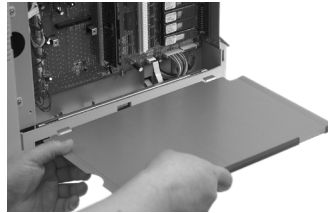
2 Insert the silver metallic contact edge of the SIMM into the left socket (FSIMM1) at about a 45° angle, with the notched corner of the SIMM at the bottom. Push in until the silver contacts are fully inserted into the socket.



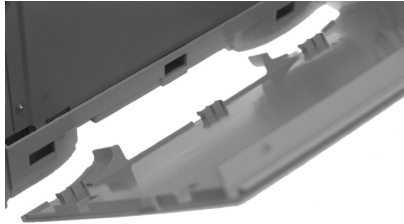
3 Pivot the SIMM to the left until it snaps into place.



4 Insert the tabs on the metal plate into the slots on the printer housing, then swing it up into place and replace the two mounting screws.



- 5** Replace the side panel (tabs go in slots): you'll need to move the cover hinge out of the way before you put the side panel back into place.



- 6** Secure the panel in place with the two screws.



- 7** Close the printer cover.



- 8 Reattach the interface cable and plug the power cord into the power outlet.

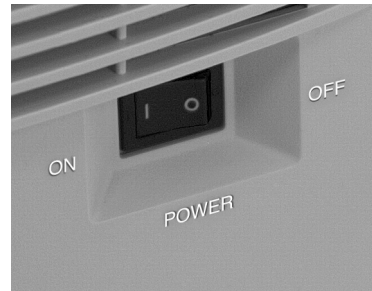
Installing Flash Memory in the OKIPAGE 18, 18n, 24DX and 24DXn Printers

- ! **CAUTION!** *Circuit boards can be damaged by static electricity and rough handling. Keep board in packaging until you're ready to install it. SIMMs are sensitive to static electricity. To avoid damage, ground yourself by touching the chassis of your computer each time before handling SIMMs.*

Installing SIMMs

Preparation

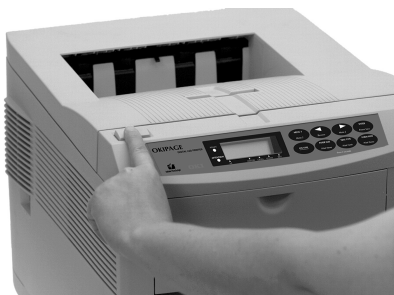
- 1 Turn the printer off.



2 Unplug the power cord and detach the interface cable from the back of the printer.



3 Push the OPEN button, then open the top cover.



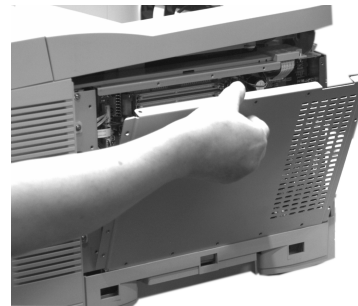
4 Remove and save the two large screws (1) on the right side, which hold the side panel in place.



5 Pull the side panel out and remove it from the printer, then close the cover to protect the image drum from light while you are installing the SIMM.

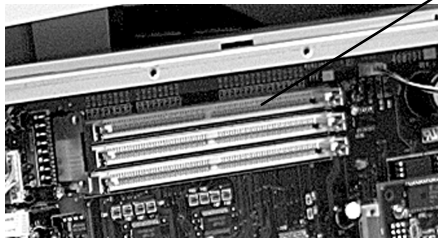


6 Remove and save the screws on the metal plate covering the internal board, then lift the plate out.

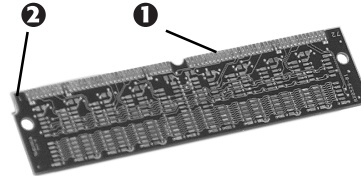


Installing the SIMMs

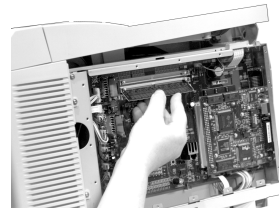
- 1 Locate the SIMM sockets on the board. The top socket (1) is used for a Flash SIMM.



- 2 Hold the SIMM with the metallic contact edge (1) toward the printer and the notched corner (2) to the *left*.

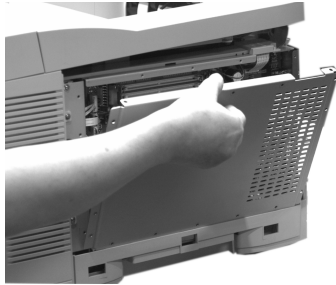


- 3 Angle the SIMM down about 45°, then insert the contact edge into the *top* socket and lift the board until it locks in place.

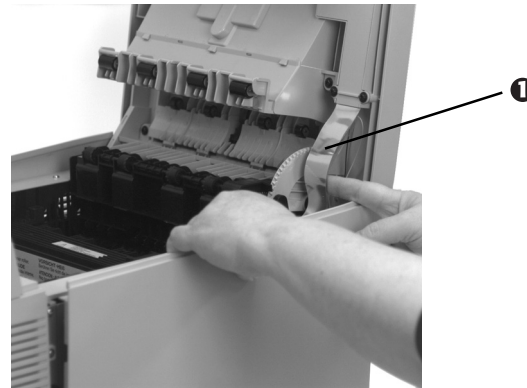
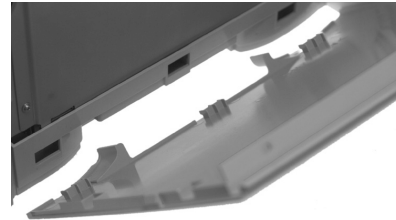


Finishing the Installation

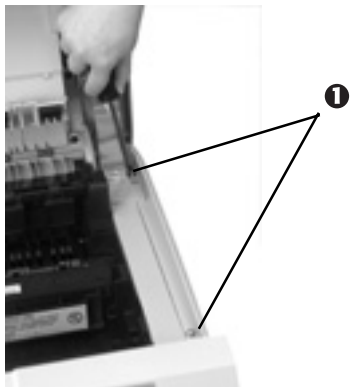
- 1 Position the metal plate on the housing and replace the mounting screws.



- 2 Open the cover and replace the side panel (tabs go in slots): you need to move the cover hinge (1) out of the way.



3 Secure the panel in place with the two screws (1).



4 Close the printer cover.



5 Reattach the PC interface cable and plug the power cord into the power outlet.



Software Utilities Installation

To install the Image Creator and NetFlash utilities:

- 1 Insert the Flash SIMM Kit CD into your CD-ROM drive.
- 2 Click **Start – Run**.
- 3 Type D:\SETUP (if your CD-ROM drive exists at other than D, use the appropriate letter).
- 4 Follow the installation instructions.