PrintServer 17 Series Printer

Optional Memory Installation Guide

Order Number: EK–PRT17–UP. B01

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Preface

The controller board has three slots for optional memory modules, which allow you to increase the amount of RAM in the printer. This guide describes how to install the optional memory modules.

CAUTION

Static electricity can damage memory modules. Do not handle the modules until you have put on the ground strap and attached it to the printer chassis.

Digital memory modules use 70 ns chips. Using memory modules from other vendors that do not conform to these specifications may affect printer performance or functionality.

Memory modules come in 4 MB and 8 MB sizes that look similar to those shown in Figure 1. The minimum amount of memory required depends on the variation of the PrintServer 17 (300 dpi or 600 dpi) and the particular printer hardware and software options you have installed.
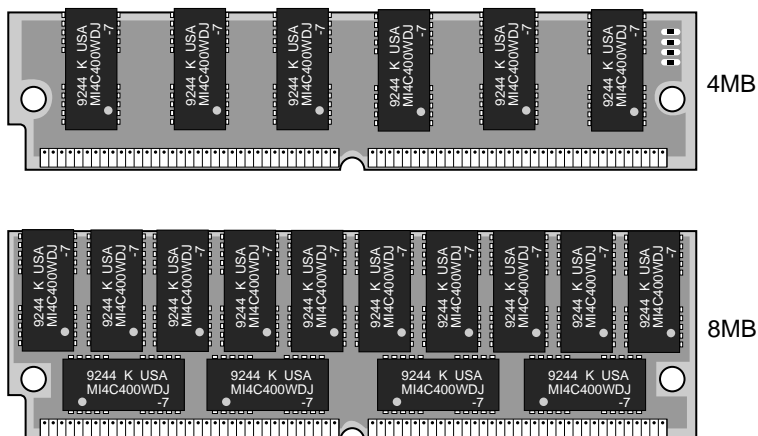
Table 1 lists the ROM version, the memory size, and the order numbers for the PrintServer 17 series printers.

Table 1 PrintServer 17 Series Memory Modules

PrintServer Configuration	ROM Version[1]	Memory Size	Order Number
PrintServer 17	V1.2 or older	4 MB	LPS1X–UC
		8 MB	LPS1X–UD
	V2.0 or newer	4 MB	LPS1X–UE
		8 MB	LPS1X–UF

[1]The ROM version number appears on the printer's operator panel each time the printer is powered on. Refer to the *PrintServer 17 Printer Operator's Guide*, Section 3.1, for powering on instructions.

Figure 1 4 MB and 8 MB Memory Modules

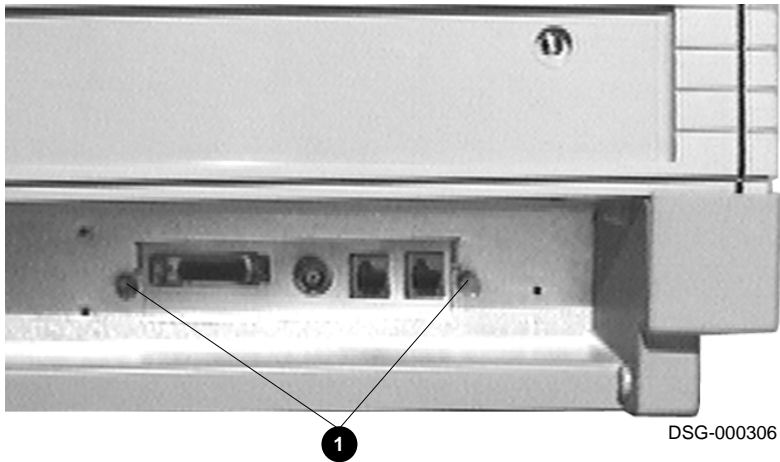DSG-000305

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Optional Memory Installation

The following items are in the optional memory installation kit:

- 4 MB or 8 MB memory module
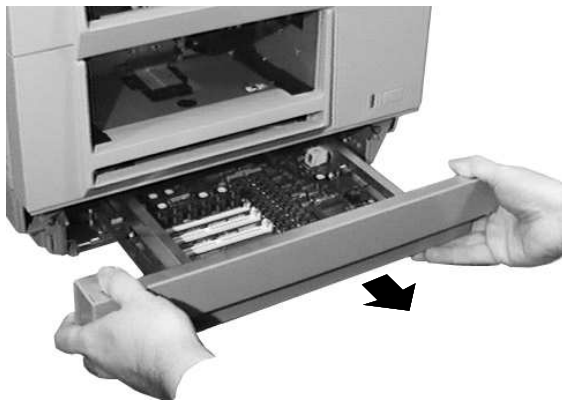- Grounding strap
- This installation guide

Use the following procedure to remove the controller board assembly and install the optional memory modules in the PrintServer 17 series printer. If you need additional information about the printer, refer to your PrintServer printer operator's guide.

1. If you have a 300 dpi printer, power off both the front and rear power switches.

   If you have a 600 dpi printer, power off the rear power switch.

2. Remove the top and bottom paper cassettes from the printer.

3. Disconnect the network interface cable from the interface connector panel on the back of the printer.

4. Loosen the two captive screws ❶ on the interface connector panel.

   √ If the screws are too tight to loosen by hand, use a flat-bladed screwdriver to loosen the screws.

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5. Pull the controller board assembly out completely from the front of the printer.
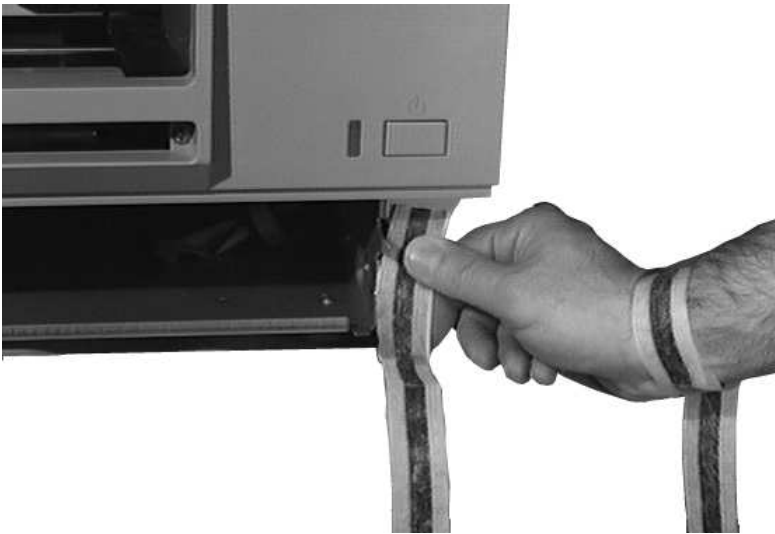

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_____ **Caution** _____

The controller board should be placed on a hard, flat surface with the faceplate of the board hanging over the edge of the surface. This assures that all the rubber feet on the bottom of the controller board are resting on the surface and that no damage to the controller board will result when the memory module is installed.

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6. Put one end of the grounding strap on your wrist and attach the other end (with the copper strip) to the metal chassis of the printer.

_____ **CAUTION** _____

Static electricity can damage the memory module. Always wear the grounding strap before handling a memory module.

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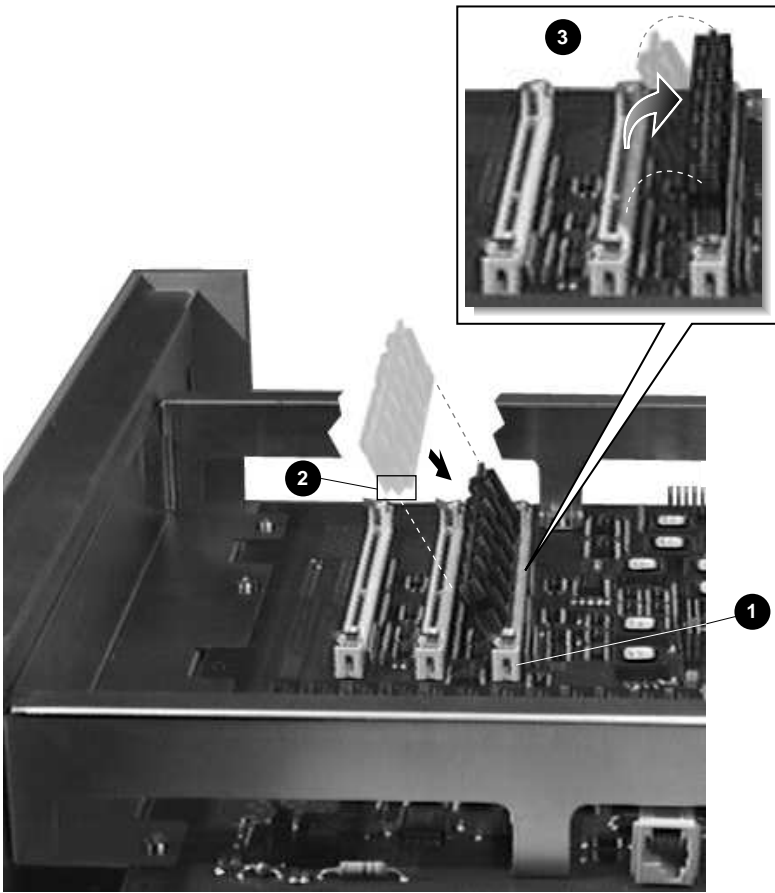7. Insert the memory module into Slot 1 ❶ at a 70° angle.

_____ **NOTE** _____

Memory modules are notched on one end so they fit correctly into the slot only one way. When installing the module, the notch should be positioned as illustrated by ❷ in the following illustration.

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8. Push the memory module forward ❸ so that it is seated straight up and securely in the slot.

Table 1–1 Memory Module Installation

If you are installing . . .	Then . . .
One memory module	Install that module in Slot 1.
Two memory modules	Install them in Slot 1 and Slot 2.
Both 4 MB and 8 MB memory modules	Install the higher capacity memory module in Slot 1. For example, if you are installing two 8 MB modules and a 4 MB module, install the 8 MB modules in Slots 1 and 2, and the 4 MB module in Slot 3.

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9. Remove the grounding strap from the printer chassis.

10. Reinstall the controller board assembly.

11. Tighten the interface connector panel screws.

12. Reconnect the network interface cable.

13. Power on the printer.

   √ If an error message displays on the operator panel, see Chapter 7 in
      your PrintServer printer operator's guide for the corrective action to
      take.