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4401 Great America Parkway  
Santa Clara, CA 95054

# **Upgrading Memory in the Passport 2430 Multiservice Access Switch**

**NORTEL**  
NETWORKS™

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## USA Requirements Only

### Federal Communications Commission (FCC) Compliance Notice: Radio Frequency Notice

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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## European Requirements Only

### EN 55 022 Statement

This is to certify that the Nortel Networks Passport 2430 Multiservice Access Switch is shielded against the generation of radio interference in accordance with the application of Council Directive 89/336/EEC, Article 4a. Conformity is declared by the application of EN 55 022 Class B (CISPR 22).

### EC Declaration of Conformity

This product conforms (or these products conform) to the provisions of Council Directive 89/336/EEC and 73/23/EEC. The Declaration of Conformity is available on the Nortel Networks World Wide Web site at <http://libra2.corpwest.baynetworks.com/cgi-bin/ndCGI.exe/DocView/>.

## Japan/Nippon Requirements Only

### Voluntary Control Council for Interference (VCCI) Statement

この装置は、情報処理装置等電波障害自主規制協議会（VCCI）の基準に基づくクラスB情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。  
取扱説明書に従って正しい取り扱いをして下さい。

## Canada Requirements Only

### Canadian Department of Communications Radio Interference Regulations

This digital apparatus (Passport 2430 Multiservice Access Switch) does not exceed the Class B limits for radio-noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications.

### Règlement sur le brouillage radioélectrique du ministère des Communications

Cet appareil numérique (Passport 2430 Multiservice Access Switch) respecte les limites de bruits radioélectriques visant les appareils numériques de classe B prescrites dans le Règlement sur le brouillage radioélectrique du ministère des Communications du Canada.



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# Upgrading Memory in the Passport 2430 Multiservice Access Switch

The Passport™ 2430 Multiservice Access Switch supports a broad array of primary and backup connectivity devices. This guide refers to the Passport 2430 Multiservice Access Switch as the Passport 2430.

If you want to upgrade your router by adding more DRAM, you can install a 16 or 32 MB single inline memory module (SIMM). This guide describes how to replace or install a SIMM in the Passport 2430.

Before you begin, inspect the memory upgrade kit and verify the following:

- Your shipment is complete and undamaged.
- You have the proper equipment and tools.

## Verifying Shipment Contents

Your shipping container should contain this guide and the SIMM. Inspect the SIMM for shipping damage. If you detect any damage, do not continue with the installation process. Contact one of the Nortel Networks™ Technical Solutions Centers listed in Table 1.

**Table 1. Nortel Networks Technical Solutions Centers**

Technical Solutions Center	Telephone Number
Billerica, MA	800-2LANWAN (800-252-6926)
Santa Clara, CA	800-2LANWAN (800-252-6926)
Valbonne, France	33-4-92-96-69-68
Sydney, Australia	61-2-9927-8800
Tokyo, Japan	81-3-5740-1745

## Tools

In addition to the shelf kit shipping contents you will need a Phillips screwdriver.

## Installing the SIMM

You install a SIMM in the Passport 2430 with the following steps:

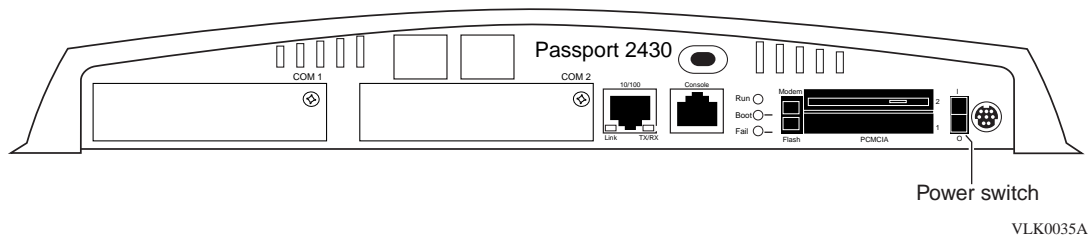
1. **Turn off the Passport 2430.**
2. **Take the cover off the chassis.**
3. **Insert the SIMM into the SIMM slot.**
4. **Replace the cover of the chassis.**
5. **Power up the Passport 2430.**

The following sections explain each step in greater detail.

## Turn Off the Passport 2430

To turn off the Passport 2430:

1. **Press the power switch to the off (0) position.**



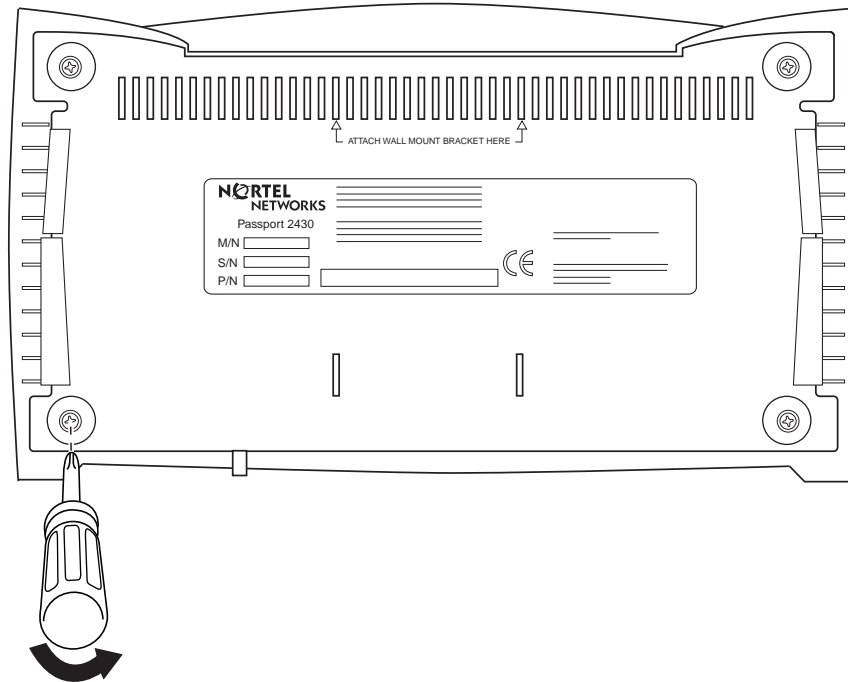
**Figure 1. Power Switch**

2. **Pull the power supply plug out of the wall outlet.**

## Remove the Cover from the Chassis

To take the cover off the Passport 2430 chassis:

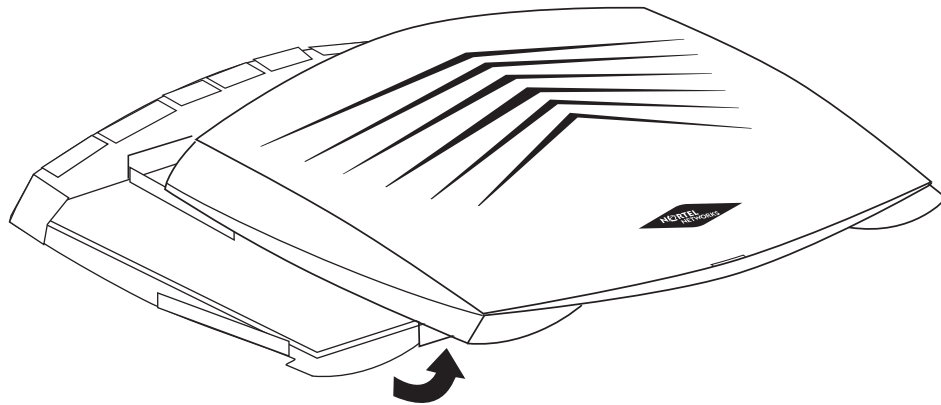
1. **Turn the Passport 2430 upside down and remove the four screws as shown in Figure 2.**



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**Figure 2. Removing the Screws from the Passport 2430**

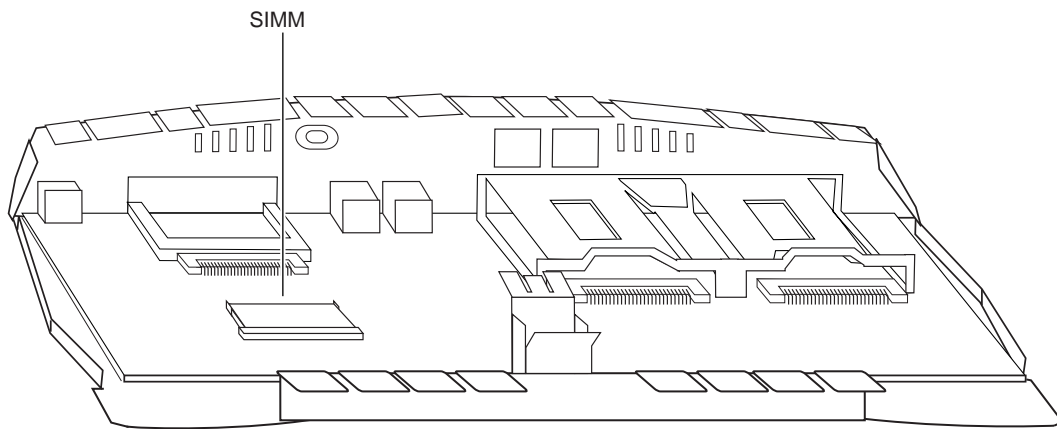
2. Carefully turn the Passport 2430 rightside up, grasp the cover near the front and pull up and remove as shown in Figure 3.



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**Figure 3. Removing the Chassis Cover**

3. Locate the SIMM slot (Figure 4).



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**Figure 4. Location of the SIMM Slot**

If there is already a SIMM in the SIMM slot, go to “Removing a SIMM” on page 5. Otherwise go to “Inserting a SIMM” on page 6.

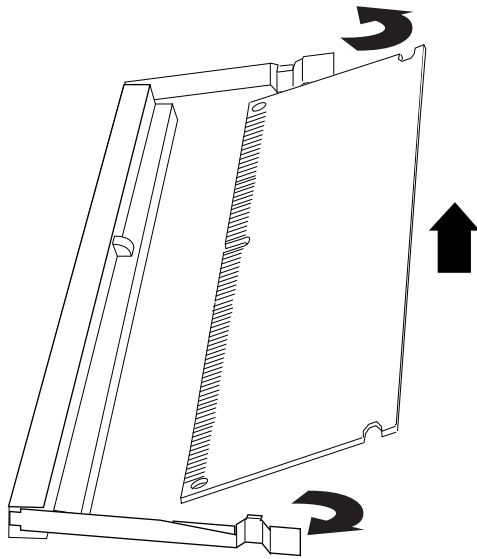


## Removing a SIMM

To remove a SIMM currently in the Passport 2430:

1. **Pull the tabs on either side of the SIMM as shown in Figure 5.**

The SIMM pops up.



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**Figure 5. Pull the Tabs on Either Side of the SIMM**

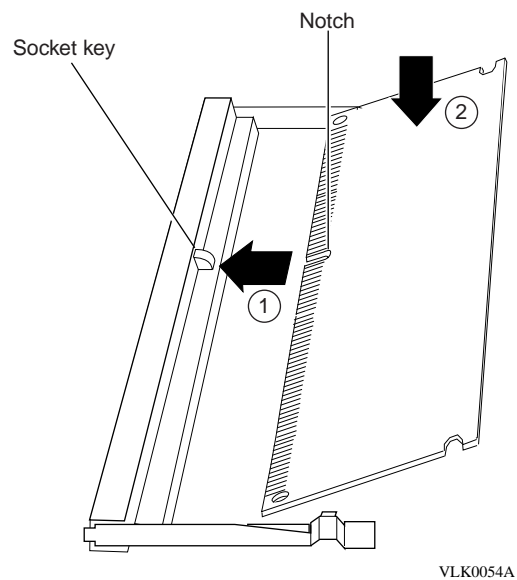
2. **Grasp the SIMM and pull it out of the SIMM slot.**

## Inserting a SIMM

To insert the SIMM:

1. **Position the SIMM so that the notch on the SIMM lines up with the socket key on the SIMM slot.**
2. **Gently push the SIMM into the slot as shown in Figure 6.**

When in place, the SIMM pops-up.



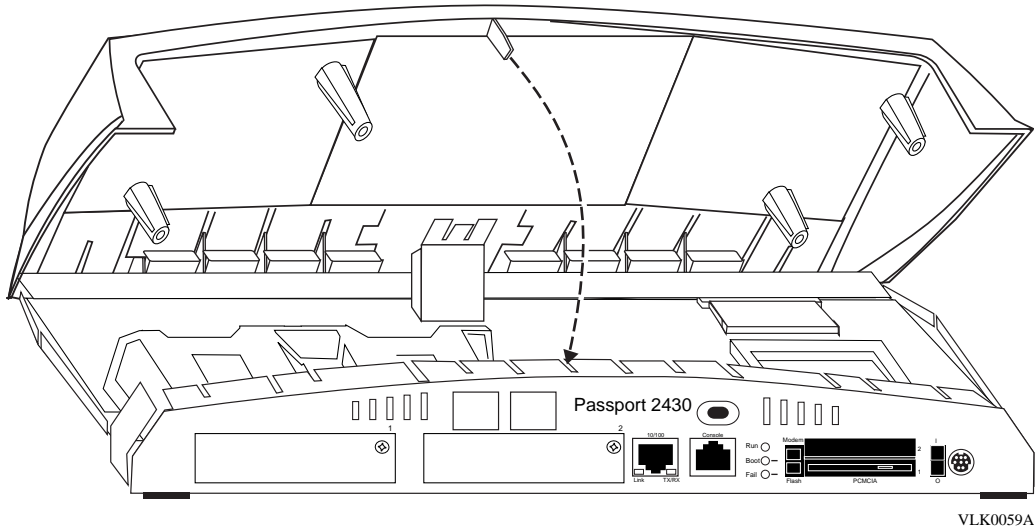
**Figure 6. Position and Insert the SIMM (1), then Push the SIMM Down (2)**

3. **Push the SIMM down until you hear or feel a click (see Figure 6).**

## Replacing the Chassis Cover

After you install the SIMM, replace the chassis cover:

1. **Lining up the back of the cover and the slots on the back of the chassis, fit the cover back on the chassis as shown in Figure 7.**



**Figure 7. Replacing the Chassis Cover**

2. **Turn the Passport 2430 upside down and replace the four screws.**

## **Starting the Passport 2430**

After you install the SIMM and replace the chassis cover, start the Passport 2430 by plugging the power supply into the wall receptacle and pressing the power switch to the on (1) position.

The Passport 2430 automatically configures the SIMM when it boots.

For more information, refer to *Installing and Operating the Passport 2430 Multiservice Access Switch*.