

# WXC 1800, WXC 2600, and WXC 3400 Field-Replaceable Units Removal and Installation

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This guide contains information about removing and installing field-replaceable units in the WXC 1800, WXC 2600, and WXC 3400 platforms. For WXC safety information, refer to the *WX/WXC Operator's Guide* available on the Juniper Networks Support site. The following sections provide detailed procedures about component removal and installation:

- “WXC 1800 Instructions” on page 2
- “WXC 2600 Instructions” on page 2
- “WXC 3400 Instructions” on page 5

Chassis and component upgrades performed at a licensed Juniper Networks vendor are not covered in this guide.

## WXC 1800 Instructions

The WXC 1800 has a replaceable external power supply.

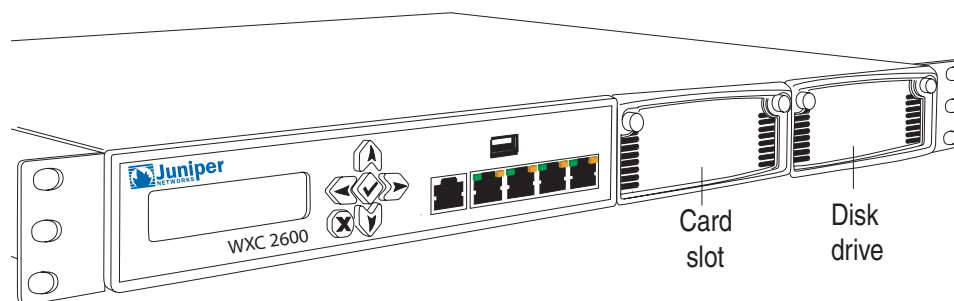
1. To remove the old power supply, unplug the power cord from the power source, and then disconnect the power cable from the back of the WXC 1800.
2. To install the new power supply, connect the power cable to the back of the WXC 1800, and then plug the power cord into the power source to restart the system.

## WXC 2600 Instructions

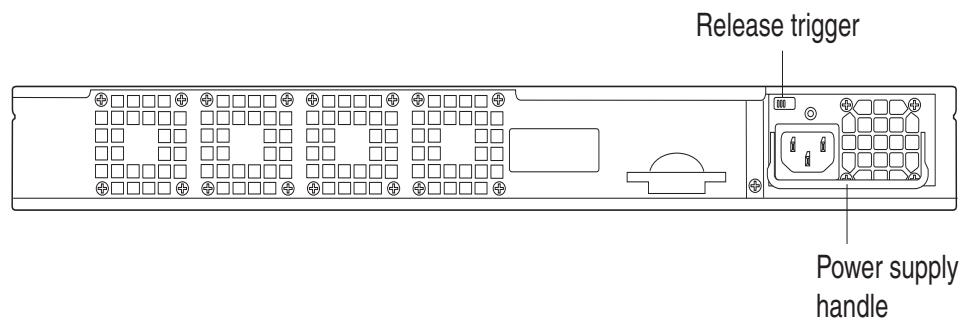
The following sections describe how to remove and install components on the WXC 2600:

- “Disk Drives” on page 3
- “Power Supplies” on page 4

**Figure 1: WXC 2600 Front Panel**



**Figure 2: WXC 2600 Rear Panel**



## Disk Drives

### Removing the WXC 2600 Disk Drive

To remove the WXC 2600 disk drive:

1. Unplug the power cord from the WXC 2600.
2. Remove the disk drive cover by turning the two thumbscrews counter-clockwise (Figure 1).
3. Pull the disk drive module straight out of the chassis.
4. After you remove the disk drive, be sure to replace it with a replacement disk drive.



**NOTE:** When the disk drive is removed, compression using Network Sequence Caching (NSC) is disabled.

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### Installing the WXC 2600 Disk Drive

To install the WXC 2600 disk drive:

1. Unplug the power cord from the WXC 2600.
2. Line up the disk drive module with the empty disk drive slot on the front of the chassis. The drive must be installed in the right-most slot (Figure 1).
3. Carefully and steadily slide the disk drive module straight into the chassis until it is flush with the front panel.
4. Replace the disk drive cover by turning the two thumbscrews clockwise until the cover is completely flush with the front panel.
5. Plug in the power cord to restart the system.
6. Enter the following command to activate the drive:

`reset disk status`

## ***Power Supplies***

### **Removing the WXC 2600 Power Supply**

To remove the WXC 2600 power supply:

1. On the power supply module, raise the power supply handle so that it points toward you (Figure 2).
2. Press the release trigger (Figure 2) to the right as you grasp the handle and pull the power supply module straight out of the chassis.
3. After you remove the power supply module, be sure to replace it with a replacement power supply.

### **Installing the WXC 2600 Power Supply**

To install the WXC 2600 power supply:

1. Line up the power supply module with the empty power supply slot on the back of the chassis.
2. Carefully and steadily slide the power supply module straight into the chassis until it is flush with the rear panel.

The power supply module is properly seated in the chassis when you hear the power supply release trigger (Figure 2) “click” into place.

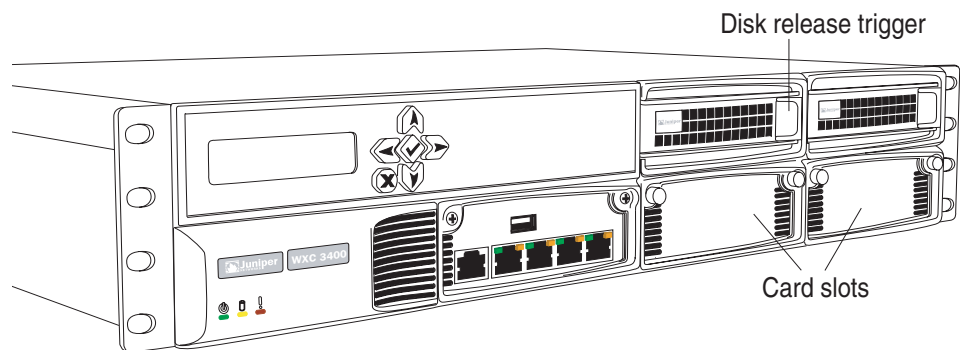
3. Lower the power supply handle until it is completely flush with the face of the power supply module.

## WXC 3400 Instructions

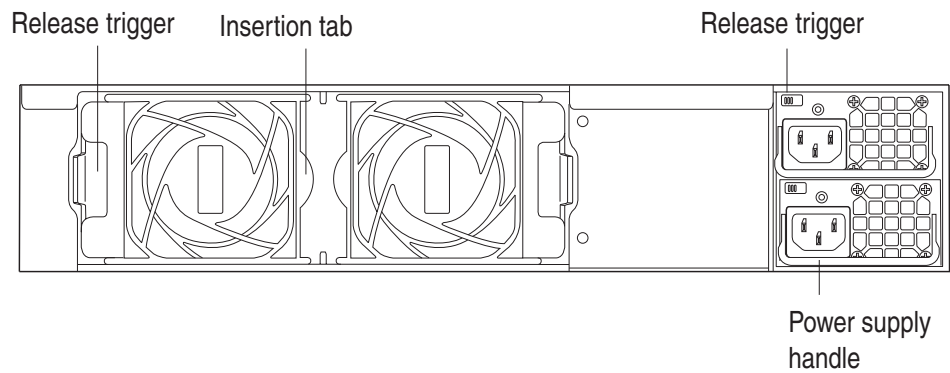
The following sections describe how to remove and install components on the WXC 3400:

- “Disk Drives” on page 6
- “Power Supplies” on page 7
- “Cooling Fans” on page 7

**Figure 3: WXC 3400 Front Panel**



**Figure 4: WXC 3400 Rear Panel**



## Disk Drives

### Removing a WXC 3400 Disk Drive

To remove a WXC 3400 disk drive:

1. Unplug the power cord from the WXC 3400.
2. On the disk drive to be removed, press the handle release trigger (Figure 3) in and to the right to release the insertion and removal handle.
3. Grasp the handle and pull the disk drive module straight out of the chassis.
4. After you remove a disk drive, be sure to replace it with a replacement disk drive.



**NOTE:** If one disk drive is removed, compression using Network Sequence Caching (NSC) continues, but with half the available disk space. If both drives are removed, compression using NSC is disabled.

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### Installing a WXC 3400 Disk Drive

To install a WXC 3400 disk drive:

1. Unplug the power cord from the WXC 3400.
2. With the handle on the disk drive module in the released/out position, line up the disk drive with an empty slot on the front of the chassis. The drive must be installed in one of the top two slots (Figure 3).
3. Carefully and steadily slide the disk drive module straight into the chassis until it is flush with the front panel.
4. Close the disk drive handle by pressing it forward until it is completely flush with the face of the disk drive module.

The disk drive module is properly seated in the chassis when you hear the disk drive release trigger “click” into place.

5. Plug in the power cord to restart the system.
6. Enter the following command to activate the drive:

```
reset disk status
```

## Power Supplies

The WXC 3400 ships with two power supplies installed in the back of the chassis. If you need to replace one of the power supplies, you can swap the faulty power supply for a replacement while the second power supply assumes responsibility for the entire power load.

### Removing a WXC 3400 Power Supply

To remove a WXC 3400 power supply:

1. On the power supply module, raise the power supply handle so that it points toward you (Figure 4).
2. Press the release trigger (Figure 4) to the right as you grasp the handle and pull the power supply module straight out of the chassis.
3. After you remove the power supply module, be sure to replace it with a replacement power supply.

### Installing a WXC 3400 Power Supply

To install a WXC 3400 power supply:

1. Line up the power supply module with the empty power supply slot on the back of the chassis.
2. Carefully and steadily slide the power supply module straight into the chassis until it is flush with the rear panel.

The power supply module is properly seated in the chassis when you hear the power supply release trigger (Figure 4) “click” into place.

3. Lower the power supply handle until it is completely flush with the face of the power supply module.

## Cooling Fans

### Removing a WXC 3400 Cooling Fan

To remove a WXC 3400 cooling fan:

1. Unseat the cooling fan module by pressing the release trigger (Figure 4) sideways toward the center of the cooling fan module.
2. Grasp the cooling fan module and carefully pull it away from the rear of the chassis.



**NOTE:** After you remove a cooling fan, be sure to replace it with a replacement cooling fan to ensure maximized air flow across the internal components.

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## **Installing a WXC 3400 Cooling Fan**

To install a WXC 3400 cooling fan:

1. Line up the cooling fan module with an empty cooling fan slot on the back of the chassis.
2. Carefully insert the rear corner of the cooling fan module into the cooling fan slot in the rear of the chassis so that the cooling fan module insertion tab (Figure 4) lines up with its respective slot.
3. Carefully slide the other side of the cooling fan module into the cooling fan slot until the face of the cooling fan is flush with the rear panel.

The cooling fan module is properly seated in the chassis when you hear the cooling fan release trigger (Figure 4) “click” into place.



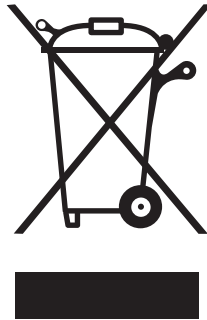
## Product Reclamation and Recycling Program

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Juniper Networks is committed to environmentally responsible behavior. As part of this commitment, we work to comply with environmental standards such as the European Union's *Waste Electrical and Electronic Equipment* (WEEE) Directive and *Restriction of Hazardous Substances* (RoHS) Directive.

These directives and other similar regulations from countries outside the European Union regulate electronic waste management and the reduction or elimination of specific hazardous materials in electronic products. The WEEE Directive requires electrical and electronics manufacturers to provide mechanisms for the recycling and reuse of their products. The RoHS Directive restricts the use of certain substances that are commonly found in electronic products today. Restricted substances include heavy metals, including lead, and polybrominated materials. The RoHS Directive, with some exemptions, applies to all electrical and electronic equipment.

In accordance with Article 11(2) of Directive 2002/96/EC (WEEE), products put on the market after 13 August 2005 are marked with the following symbol or include it in their documentation: a crossed-out wheeled waste bin with a bar beneath.



Juniper Networks provides recycling support for our equipment worldwide to comply with the WEEE Directive. For recycling information, send e-mail to [recycling@juniper.net](mailto:recycling@juniper.net) indicating the type of Juniper Networks equipment that you wish to dispose of and the country where it is currently located, or contact your Juniper Networks account representative.

Products returned through our reclamation process are recycled, recovered, or disposed of in a responsible manner. Our packaging is designed to be recycled and should be handled in accordance with your local recycling policies.

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