

# WX 3400 Quick Start

This quick start card describes how to install the Juniper WXC 3400 application acceleration platform in the data path between a switch and a router. To install the WXC 3400 “off-path” (connected only to the switch or router), refer to the operator’s guide.

## Before You Begin

- Inspect the package contents. Refer to the package contents document enclosed with the product.
- Ensure sufficient power is available. Supply circuits should be protected by a maximum 20 A circuit breaker.
- Ensure a minimum of 6 inches clearance in the front and back of the chassis, and 3 inches clearance on both sides.
- Verify that all firewalls between WX and WXC devices allow traffic for TCP/UDP ports 3577 and 3578
- Identify a 10/100/1000 Ethernet port that transmits data to your WAN router. This port is typically from an aggregation switch, or from another LAN device connected directly to the router.
- Obtain a license key. The license key determines the throughput levels for the device, and properly registers the product. To obtain a permanent license key, go to:

[http://www.juniper.net/generate\\_license](http://www.juniper.net/generate_license)

If you operate the platform at its base speed, only the serial number is needed to generate a permanent license. If you purchased license upgrades, you will need the Authorization Code Certificate that was emailed to you in PDF format.

If you have any problems with the licensing process, open a support case using the Case Management link at:

<http://www.juniper.net/support/>

To call from the United States, Canada, or Mexico, dial 1-888-314-JTAC. To call from other locations, dial 1-408-745-9500 or check the list of local support centers at:

[http://www.juniper.net/support/support\\_contacts.html](http://www.juniper.net/support/support_contacts.html)

## Installation

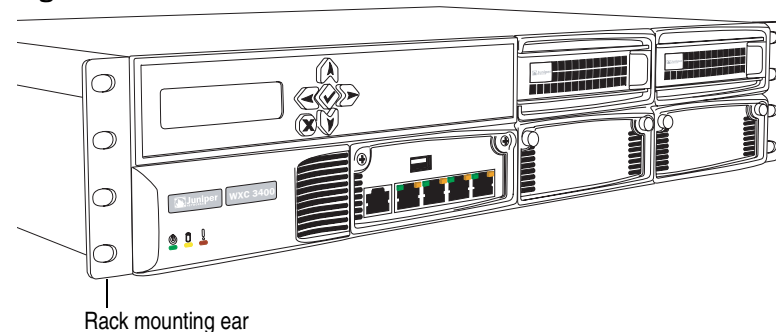
Perform the following steps to install your WXC 3400 platform:

### 1. Set up the chassis.

- For rack mount installation, install the supplied brackets, front panel forward, to the sides of the device (Figure 1).
- For desktop installation, place the device securely on a flat surface.

**NOTE:** Do not connect the power cable until Step 4.

**Figure 1. WXC 3400**



### 2. Connect the network cables.

To connect the network cables:

- Locate the cable that connects from the switch (or other aggregating device) to the router.
- Disconnect this cable from the router port and connect it to the Local port on the WXC 3400.
- Connect a crossover cable from the router port to the Remote port on the WXC 3400.

The AUX, MGT, and USB ports are reserved for future use, as are the two empty slots below the disk drives.

### 3. Verify bypass connectivity.

Ping a host on the remote side of the WXC 3400 from a host on the local side of the WXC 3400.

**NOTE:** If you cannot verify connectivity on both sides of the device, do not proceed to the next step. Ensure that you are using the correct cables (crossover vs. straight-through), and verify that there is network connectivity before applying power.

#### 4. Connect the power.

Connect a power cable to both of the power supplies on the WXC 3400, and connect the other end of the cables to your local power source. If one power supply fails, the other one can provide full power indefinitely, and the failed power supply can be removed and replaced while the device is running.

**NOTE:** The power usage is 400 Watts Max or 1370 BTU/hr. When you want to disconnect power from the device, unplug BOTH power cables.

**STOP:** You may be able to use the autodeployment feature of the WX CMS software to configure the device automatically. Refer to the CMS administrator's guide for more information or continue with Step 5.

#### 5. Configure network settings.

Use the front-panel keypad and LCD to assign an IP address, subnet mask, and default gateway as follows:

- Press Enter (center button) twice to start.
- Use the up and down arrow buttons to display a number (between 0-9), and the left and right arrow buttons to move to the previous or next character.
- Press the Enter button to enter a change or make a selection. Press the X button to discard all changes and start over.

**NOTE:** By default, the interfaces are set to auto-negotiate. However, it is strongly recommended that you use the front panel to set the speed and duplex mode manually to ensure that the Local port settings match the switch interface, and the Remote port settings match the router interface.

After you enter the network settings, select **Save & Reboot**.

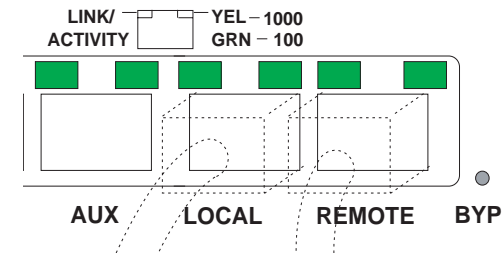
#### 6. Check the LEDs above the Local and Remote ports.

Check the WXC 3400 LEDs (Figure 2):

- The LINK LEDs indicate connectivity.
- The ACTIVITY LEDs indicate the interface speed: yellow for 1000 Mbps, green for 100 Mbps, or off for 10 Mbps.

After checking the LEDs, repeat Step 3 to verify connectivity across the device.

Figure 2. Verifying network connectivity



#### 7. Run Quick Setup

The first time you log in to the Web interface, the Quick Setup program guides you through the initial configuration. The Web interface supports Microsoft Internet Explorer version 6.0. From any workstation, enter the following URL in your Web browser:

*[`https://\(ip address of the device\)`](https://(ip address of the device))*

If the Security Alert dialog box appears, click **Yes** to proceed, and type **admin** and **juniper** for the user name and password.

- Select Active Mode, enter the current date and time or the IP address of an NTP server, and select the local time zone. A secondary NTP server is optional.
- Designate this device as the registration server, or enter the IP address and password of the current registration server.
- Enter a permanent license key or use the default 30-day evaluation license. When the evaluation license expires, the device is limited to the base speed.

## Where to Go Next

Please refer to the operator's guide to configure policy settings for the device. The latest WX/WXC Operator's Guide and WX CMS Administrator's Guide can be found at the following website:

*[`http://www.juniper.net/techpubs/hardware/wx`](http://www.juniper.net/techpubs/hardware/wx)*

The latest WXOS and CMS Release Notes can be found at the Juniper Customer Support Center website (requires customer login):

*[`https://www.juniper.net/customers/csc/software/appaccel/wxseries`](https://www.juniper.net/customers/csc/software/appaccel/wxseries)*