

# WX 1800 Quick Start



This quick start card describes how to install a WXC 1800 application acceleration platform in the data path between a switch and a router. To install the WXC 1800 “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 15 A or 20 A circuit breaker.
- Ensure a minimum of six inches clearance around the chassis.
- Verify that all firewalls between WX and WXC devices allow traffic on TCP/UDP ports 3577 and 3578
- Identify a 10/100 Ethernet LAN 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:

[https://www.juniper.net/generate\\_license](https://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 electronic 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

### 1. Set up the chassis.

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

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

**Figure 1. WXC 1800**



### 2. 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 device.
- Connect a straight-through cable (not provided) from the router port to the Remote port on the WXC device.

### 3. Verify connectivity across the WXC device.

Ping a host on the remote side of the device from a host on the local side of the device.

**NOTE:** If you cannot verify connectivity on both sides of the device, do not proceed to the next step. If auto-MDI is not enabled on the router, in some cases you may have to use a crossover cable to connect the WXC 1800 to the router (auto-MDI detection is not supported on the WXC 1800).

### 4. Connect the power.

Connect the power supply to the back of the chassis, and then connect the power cord to your local power source.

**NOTE:** The power usage is 60 Watts Max or 170 BTU/hr.

**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 or continue with Step 5.

## 5. Configure network settings.

Use the cable provided to connect an ANSI-compatible terminal to the serial Console port, and use a terminal emulation program (such as HyperTerminal) to log in to the CLI. Use the following serial port settings:

Baud Rate: **9600**    Parity: **NONE**    Flow Control: **NONE**  
Data Bits: **8**    Stop Bits: **1**    Smooth-Scroll: **DISABLED**

- Start the terminal emulation program, and connect via the serial port.
- Type **admin** for the user name and **juniper** for the password.
- Type an IP address and press **Enter**.
- Type the subnet mask for the network and press **Enter**.
- Type the default gateway for this device and press **Enter**.
- Type **save-config** and type **y** to confirm. You can safely bypass the other configuration questions at this time.

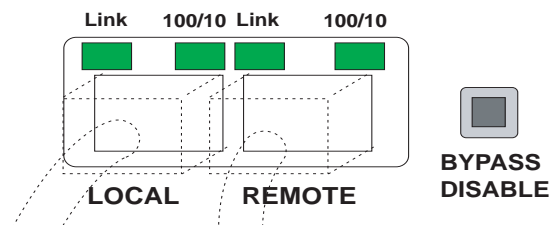
**NOTE:** By default, the 10/100 interfaces are set to auto-negotiate the speed and duplex mode. However, you may want to set the interface speed and duplex mode manually.

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

- If the Link LEDs illuminate, the device is properly connected.
- The 100/10 LEDs indicate 100 Mbps connectivity when lit.
- Press Bypass Disable to block traffic during a power failure (used in high-availability environments).

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