✕

Caption

Home (/s/)　　　TECHNICAL SUPPORT (/s/contactsupport)　　　FORUMS (/s/forums)　　　TRAINING (/s/cpu)　　　NETCLOUD (/s/NetCloud)

Search (Knowledge Base, Forums, Cases)　　　　　　　　　　Search

NETCLOUD MANAGEMENT
(/S/TOPIC/0TO38000000Q3MAGA...

CR4250 High-Performance Branch Router Quick Start Guide

🕐 Feb 7, 2020 · Knowledge

Content

CR4250 High-Performance Branch Router Quick Start Guide

Introduction

This document provides a brief overview of the CR4250 High-Performance Branch Router, discusses what's inside the box, and provides basic setup and installation instructions for the device.
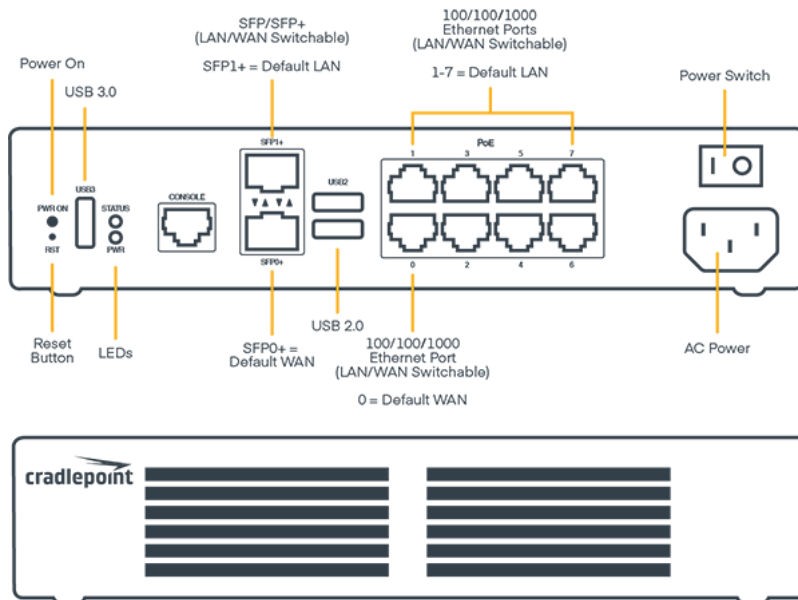

Navigation

What's in the Box

- A CR4250 or CR4250-PoE Branch Router
- A C13 power line cord
- Four rubber feet for desk mounting
- A Safety, Regulatory and Warranty Guide

Hardware

Accessories

To optimize the CR4250 High-Performance Branch Router's functionality and capabilities, consider the following optional accessories:

- Cradlepoint AP22 (https://cradlepoint.com/products/ap22)
- Cradlepoint ARC CBA850 (https://cradlepoint.com/products/arc-cba850)
- CR4250 Rack Mount (https://cradlepoint.com/products/cr4250-rack-mount)

Before You Begin

To ensure that the CR4250 High-Performance Branch router performs optimally, consider the location and environmental temperatures before installing.
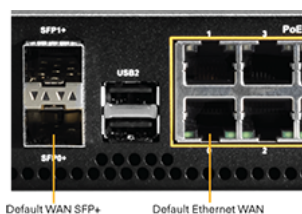
- Keep the device away from reflective and metallic surfaces as they may interfere with signal reception.
- Avoid mounting the router in locations that experience extreme heat or cold.
- The CR4250 may be set up on a flat surface or mounted in a mounting bracket. If mounting in a mounting bracket, purchase and prepare the CR4250 Rack Mount prior to setup.
- Refer to the CR4250 Safety, Regulatory, and Warranty Guide (included with your hardware) for more information about location considerations.

NOTE: Cradlepoint recommends that all Branch devices be installed by a professional. For assistance with installation or in locating a professional installer, contact Cradlepoint Sales and Support (https://cradlepoint.com/company/contact_us).

Setup
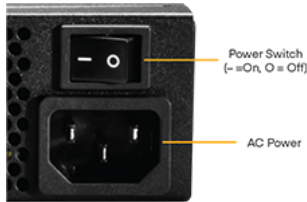
1. Connect the WAN Source

    - Connect the ethernet WAN source to the WAN port of the CR4250 (Port 0 is the default).
    - Default WAN configuration is DHCP
        - If a static IP address is required for connectivity, refer to the following article: NCOS: How to connect a wired WAN connection with a static IP address to a Cradlepoint router (https://customer.cradlepoint.com/s/article/NCOS-How-to-connect-a-wired-WAN-connection-with-a-static-IP-address-to-a-Cradlepoint-router) .
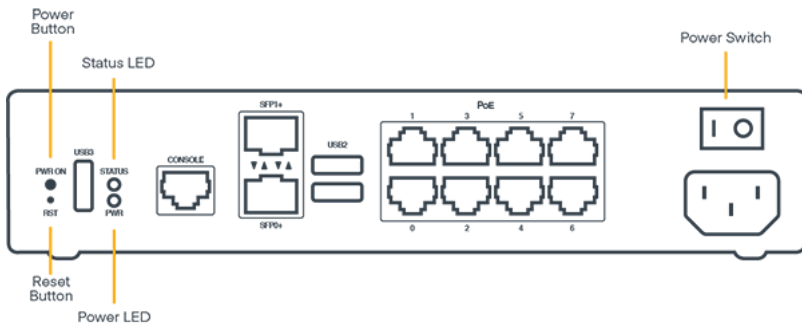

2. Connect the Power Source

    - Plug the provided power supply (100-240V, 50-60Hz; 1.7A max without PoE, 4.1A max with PoE) into an electrical outlet. Then connect the power supply to the router.

- Ensure power is switched on (O = OFF, – = ON):
- When you set the power switch to the ON (–) position; watch for the power LED to illuminate. Refer to the Understanding LEDs section of this document for more information about LED lights on the CR4250 router.

3. Once the device is powered on, log into NetCloud manager and complete the device setup. Refer to the Connecting to NetCloud section in this document for more information.

Understanding LEDs

INDICATOR	BEHAVIOR
Status LED	**Power:** The CR4250 must be powered using an approved power source. Input requirements: 100-240V, 50-60Hz; 1.7A max without PoE, 4.1A max with PoE. • LED Off = normal operation • Blinking Green (1Hz) = upgrade in progress OR a button is currently pressed • Blinking Green (4Hz) = shutdown in progress • Blinking Orange (4Hz) = factory reset in progress
Power LED	• Green = Powered ON and hardware OK • No Light = Not receiving power. Check the power source connection • Red = Critical hardware problem detected. Hardware problem means that, most likely, unit can not boot. This can happen when hardware component (RAM, CPU, Flash, etc) was found to have a critical issue and can't operate as expected. Contact Support.
Power Button	• Press and hold for more than 3 seconds, but less than 7 (status LED will be flashing green at 4Hz when button released). Unit will send shutdown signal to all of its components and will safely power down. The PWR LED will turn RED before turning off completely. • Press and hold for more than 7 seconds. Unit will do the same thing as above, but will force shutdown of all components.
Reset Button	• To reset the device, press and hold for more than 7 seconds (status LED will be flashing orange at 4Hz when button is released). Customer configuration will be erased and unit will reboot. Customer entitlements will be preserved.

Return to the Top

Connecting to NetCloud

Activate your device through NetCloud Manager (NCM). Your device is packaged with NetCloud services and requires that you log into your NetCloud account to activate your device. Refer to the following for more information:

Getting Started with NetCloud (https://customer.cradlepoint.com/s/article/Getting-Started-with-NetCloud-Manager)

Troubleshooting

If the device takes longer than 5 minutes to connect to the Internet, you may need to log into the local UI of the device to make configuration changes or to start the troubleshooting process. You must be physically co-located with the device in order to do this. Refer to the following document for additional help: How to Troubleshoot Connection Issues (https://customer.cradlepoint.com/s/article/NCOS-No-Internet-or-Connection-Issues)

Once the device connects to the Internet, it should then connect to your NetCloud Manager account and start its configuration download.

Resources

CR4250 Web Page (https://cradlepoint.com/products/cradlepoint-cr4250)
CR4250 Spec Sheet (https://cradlepoint.com/sites/default/files/upload-file/cr4250-spec-sheet-072019.pdf)

Help and Support

Cradlepoint Customer Connect Community (https://customer.cradlepoint.com/s/)
Cradlepoint Support Services (https://cradlepoint.com/support-services)

CR4250 Branch Router Models

This document applies to the following CR4250 Branch router models.

CRADLEPOINT CR4250	S6A819A
CRADLEPOINT CR4250-POE	S6A820A

Terms of Service

Cradlepoint Terms of Service (https://cradlepoint.com/terms-of-service)
Cradlepoint Privacy Policy (https://cradlepoint.com/privacy-policy)

Return to the Top

Title
CR4250 High-Performance Branch Router Quick Start Guide

URL Name
CR4250-Getting-Started

Networking (/s/topic/0TO38000000CEwBGAW/…) NetCloud Management (/s/topic/0TO38000000Q3MAGA0/…) Cellular (/s/topic/0TO38000000Q3MBGA0/…)

Routing (/s/topic/0TO38000000Q3MCGA0/r…) WiFi (/s/topic/0TO38000000Q3MEGA0/…) Security (/s/topic/0TO38000000Q3MGGA0/…)

Mobile (/s/topic/0TO38000000Q3MHGA0/…)

No related lists to display

Follow

Ask a Question

Related Articles

Quick Start Guide Index (/s/article/Quick-Start-Guides)   1.54K

AER2200 Branch Router Quick Start Guide (/s/article/AER2200-Getting-Started)   19.85K

AER2200 Branch Router Quick Start Guide (/s/article/AER2200-Getting-Started)   ◉ 10.00K

AER1600 Series Micro Branch Router Quick Start Guide (/s/article/AER1600-Series-Micro-Branch-Networking-Router)   ◉ 9.92K

E300 Series Enterprise Branch Router Quick Start Guide (/s/article/E300-Series-Enterprise-Branch-Router-Quick-Start-Guide)   ◉ 2.65K

E3000 Series Enterprise Branch Router Quick Start Guide (/s/article/E3000-Series-Enterprise-Branch-Router-Quick-Start-Guide)   ◉ 1.85K

Trending Articles

Accessing the Setup Pages of a Cradlepoint Endpoint
(/s/article/NCOS-Accessing-the-Setup-Pages-of-a-CradlePoint-router)

How to Do Port Forwarding To Multiple Devices on the Same Port
(/s/article/How-to-Do-Port-Forwarding-To-Multiple-Devices-on-the-Same-Port)

IBR600C Series Quick Start Guide
(/s/article/COR-IBR600C-Series-Quick-Start-Guide)

Getting Started with NetCloud Manager
(/s/article/Getting-Started-with-NetCloud-Manager)

How To Set Custom DNS Servers Over a Routed OpenVPN Tunnel
(/s/article/How-To-Set-Custom-DNS-Servers-Over-a-Routed-OpenVPN-Tunnel)