

Cisco C1300-12XT-2X

Cisco Catalyst 1300-12XT-2X Managed Switch User Manual

Model: C1300-12XT-2X | Brand: Cisco

1. OVERVIEW

The Cisco Catalyst 1300-12XT-2X is a fully managed switch designed to provide reliable and secure network connectivity for small to medium-sized businesses. It offers full Layer 2/3 capabilities, an intuitive web interface, advanced networking features, and Power over Ethernet Plus (PoE+) support. This manual provides instructions for the installation, configuration, and maintenance of your switch.

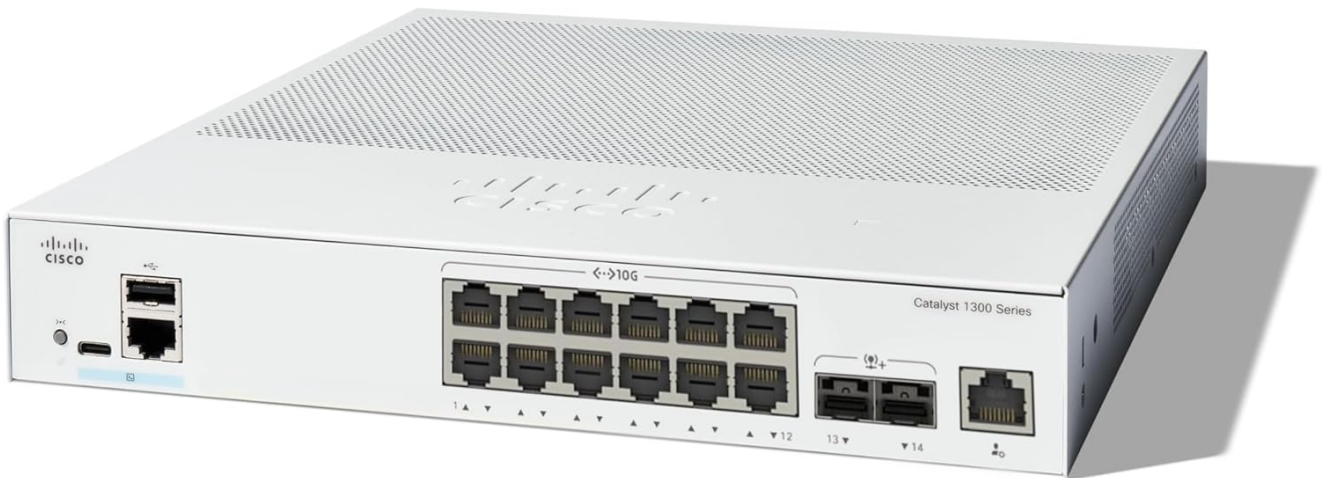


Image: Front view of the Cisco Catalyst 1300-12XT-2X Managed Switch, showcasing its 12 10G copper ports and 2 10GE SFP+ ports.

2. WHAT'S IN THE BOX

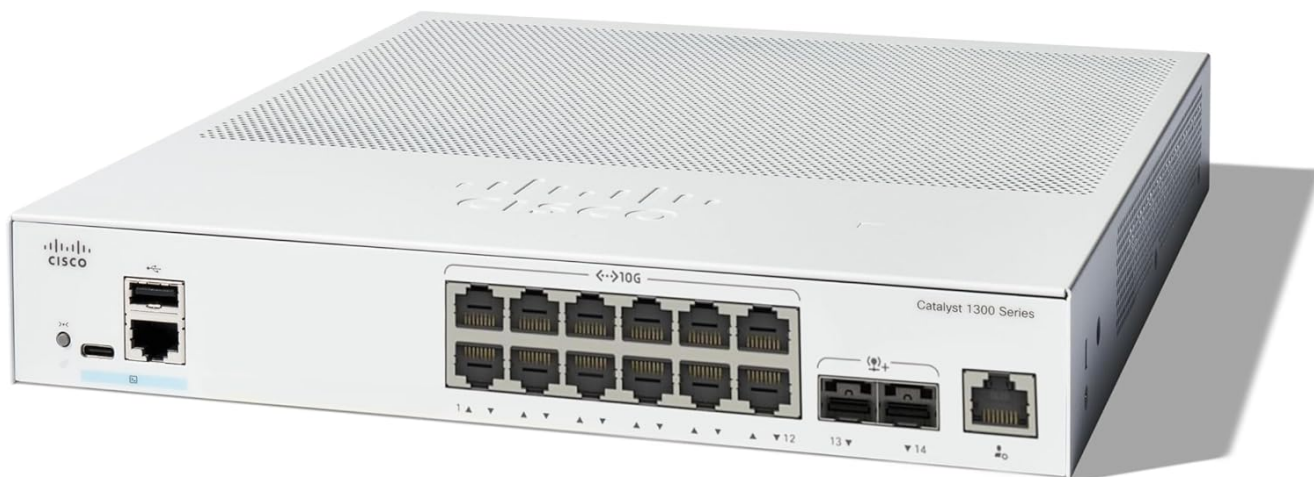
Verify that all components are present in your package:

- Switch
- Power cord or adapter
- USB Type C cable
- Mounting hardware

Video: Cisco Catalyst 1300 Unboxing Video. This video demonstrates the unboxing process and shows the included components of the switch package.

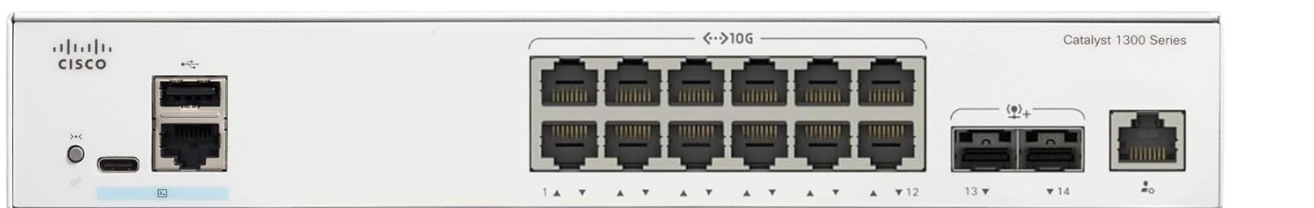
3. PHYSICAL FEATURES

3.1. Front Panel



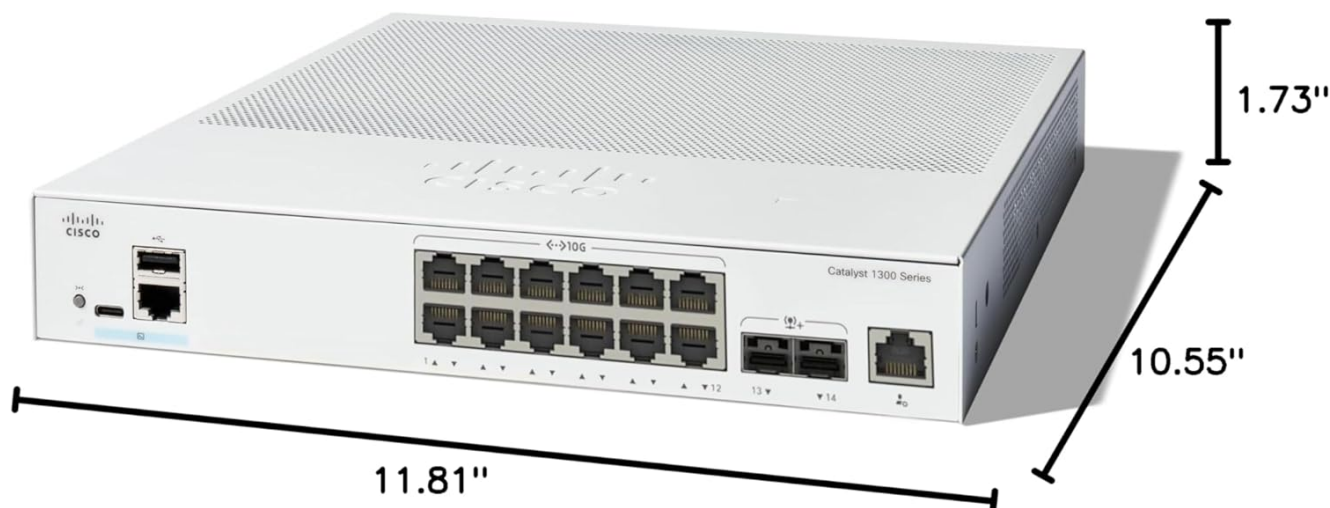
The front panel features 12 10G Copper ports (RJ-45) for high-speed wired connections and 2 10GE SFP+ ports for fiber optic uplinks. A dedicated GE Management Port is also present for network administration. Status indicator LEDs provide visual feedback on port activity and system status.

3.2. Rear Panel



The rear panel includes the power input connector for the external power adapter and a grounding screw for proper electrical grounding.

3.3. Dimensions



The switch measures approximately 11.81 inches (L) x 10.55 inches (W) x 1.73 inches (H) and weighs around 7.92 pounds (3.6 kg).

4. SETUP

4.1. Initial Setup

1. **Unpack and Verify:** Carefully remove the switch and all accessories from the packaging. Confirm all items listed in the 'What's in the Box' section are present.
2. **Connect Power:** Connect the power cord or adapter to the switch's power input and then to a power outlet.
3. **Connect to Router:** Use an Ethernet cable to connect the switch's GE Management Port or any 10G Copper port to your network router or gateway.
4. **Connect Network Devices:** Connect your network devices (computers, servers, access points) to the available 10G Copper or 10GE SFP+ ports on the switch.

4.2. Configuration via Cisco Business Mobile App

The Cisco Business mobile app provides an intuitive way to set up and manage your switch:

1. **Download App:** Download and install the Cisco Business mobile app from your device's app store.
2. **Create Site:** Launch the app and follow the prompts to create your first site and add your network's physical address.
3. **Configure Settings:** Answer a few questions within the app to configure basic network settings and credentials.
4. **Add Devices:** Use the app to discover and add your wired and wireless devices to the network.

4.3. Configuration via Web UI / Cisco Business Dashboard

For advanced configuration and management, access the switch's web user interface or integrate it with the Cisco Business Dashboard. Refer to the Cisco documentation portal for detailed instructions on these methods.

5. OPERATING INSTRUCTIONS

Once configured, the Cisco Catalyst 1300-12XT-2X switch operates automatically. You can monitor its status and manage connected devices using the Cisco Business mobile app or the web interface.

- **Monitoring Device Status:** Check the status of the switch and individual ports through the management interface to ensure optimal performance.
- **Managing Connected Clients:** View a list of connected clients, their network usage, and apply policies as needed.
- **Network Usage:** Monitor overall network traffic and identify potential bottlenecks or unusual activity.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your switch:

- **Firmware Updates:** Periodically check for and install the latest firmware updates from the Cisco support website to enhance security and features.
- **Regular Cleaning:** Keep the switch free from dust and debris. Use a soft, dry cloth for cleaning. Ensure ventilation openings are clear.
- **Environmental Considerations:** Operate the switch within recommended temperature and humidity ranges to prevent damage.

7. TROUBLESHOOTING

This section addresses common issues you might encounter:

7.1. Common Issues

- **No Power:** Ensure the power cord is securely connected to both the switch and a working power outlet. Check

the power adapter and outlet.

- **No Network Connectivity:** Verify all Ethernet cables are properly connected. Check the status LEDs on the switch ports. Ensure your router is functioning correctly.
- **Slow Network Performance:** Check for excessive network traffic or faulty cables. Consider updating firmware or reviewing configuration settings.
- **Device Not Recognized:** Ensure the connected device is powered on and its network adapter is enabled. Try a different port or cable.

7.2. Support Resources

For further assistance, visit the official [Cisco Support Website](#) or consult the comprehensive documentation portal.


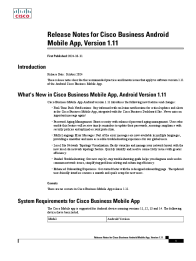

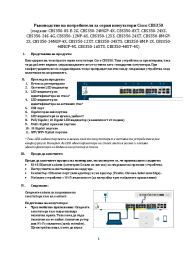
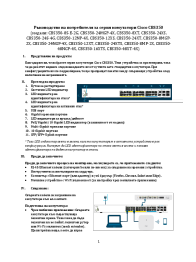
8. SPECIFICATIONS

Feature	Detail
Interface Type	PoE, SFP
Data Transfer Rate	10 Gigabits Per Second
Manufacturer	Cisco
UPC	889728521604
Item model number	C1300-12XT-2X
Item Weight	7.92 pounds (3.6 Kilograms)
Product Dimensions	11.81 x 10.55 x 1.73 inches
Number of Ports	12
Language	English
Date First Available	April 1, 2024

9. WARRANTY AND SUPPORT

The Cisco Catalyst 1300-12XT-2X Managed Switch comes with a limited lifetime hardware warranty, providing peace of mind for your investment.

Additionally, complimentary 1-year technical support is included to assist with any setup or operational queries. For detailed warranty terms and to access technical support, please visit the official [Cisco Support Portal](#).

	<p>Cisco Catalyst 1300 (Web)</p> <p>Cisco Catalyst 1300 Web</p>
	<p>Cisco Business Android Mobile App Release Notes - Version 1.11</p> <p>Release notes for Cisco Business Android Mobile App, Version 1.11, detailing new features, system requirements, and support information. Includes information on real-time push notifications, password aging management, multi-language error messages, network topology visualization, guided troubleshooting, and enhanced onboarding.</p>
	<p>Cisco Catalyst 1300 Series Switches: Get To Know Your Switch</p> <p>A comprehensive guide to Cisco Catalyst 1300 Series Switches, covering essential information on features, front panel components, installation methods (rack and wall mounting), stacking capabilities, configuration via web interface and console, and navigation within the device's UI. Includes product highlights and technical specifications.</p>
	<p>Cisco CBS350 Series Managed Switches: Quick Start Guide</p> <p>A concise guide to setting up and managing Cisco CBS350 series managed switches, covering hardware features, connectivity options, initial configuration, and LED status indicators.</p>
	<p>Cisco CBS350 Series Managed Switches Quick Start Guide</p> <p>A concise guide to setting up and configuring Cisco CBS350 series managed network switches, covering front panel components, connection options, initial configuration, web interface access, and LED indicators.</p>



Get To Know Your Switch

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Introduction

Get To Know Your Switch

[Cisco Catalyst C1300 Series Switches: Get To Know Your Switch](#)

Comprehensive guide to Cisco Catalyst C1300 Series Switches, covering features, specifications, front panel details, LEDs, mounting instructions (rack and wall), stacking, and configuration via web interface and console.