

What steps are required to enable internet access to Reduxi Controller

Enable internet access so the Reduxi Controller can send data to Reduxi Cloud and allow remote support.



🔧 Reduxi Controller

🌐 DHCP (default), static IP, Wi-Fi or proxy

📶 Check status in the top right status bar

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1 Why the controller needs internet access

1.1 When you need it

Enable internet access on the Reduxi Controller in these cases:

- The controller sends data to Reduxi Cloud.
- You allow a remote support connection over VPN.
- You use the secure connection through the Reduxi Cloud application.

1.2 Connection options

Configure the network settings of the controller. The controller supports these options:

- Wired network with DHCP (default) – see [Point 2](#)
- Wired network with a static IP – see [Point 2](#)
- Wireless network (Wi-Fi) – see [Point 3](#)
- Proxy server – see [Point 4](#)

2 Wired network

2.1 DHCP connection

The Reduxi Controller uses DHCP as its default network setting.

Network	
Ethernet IP	192.168.1.111
Ethernet Netmask	255.255.255.0
Wireless IP	
Wireless Netmask	
Proxy	
Default route	192.168.1.1 (192.168.1.111)
Internet connection	☒

Settings

☒ Wired network
 ☐ Wireless network
 ☐ Proxy server

Type

DHCP

Save

Figure 1: Wired network – DHCP is the default network setting.

Text description of this image

2.2 Static connection

Enter your network settings based on your network configuration.

The image shows a 'Settings' window with three tabs: 'Wired network', 'Wireless network', and 'Proxy server'. The 'Wired network' tab is selected. Below the tabs, there are several input fields with labels: 'Type' (containing 'STATIC'), 'IP' (containing '192.168.64.110'), 'Netmask' (containing '255.255.255.0'), 'Gateway' (containing '192.168.64.1'), 'Primary DNS' (containing '8.8.8.8'), and 'Secondary DNS' (containing '1.1.1.1'). A 'Save' button is located at the bottom right of the window.

Figure 2: Reduxi Configurator – network settings for static configuration.

Text description of this image

3 Wireless network

3.1 Connect to a Wi-Fi network

Go to **Settings – System – Network – Internet connection** and select the **Wireless network** tab. Click **Scan** and choose a network from the list of available Wi-Fi networks.

The image shows the 'Settings' window with the 'Wireless network' tab selected. Below the tabs, there is an 'SSID' input field and a 'Scan' button.

Figure 3: Scan and select the wireless network.

Text description of this image

4 Proxy server

4.1 Configure the proxy server



Advanced setting

This setting is more advanced. Use it only if you know why you need it. The configuration itself is straightforward.

Enter your HTTP proxy host and port.



The screenshot shows the 'Settings' window with the 'Proxy server' tab selected. It contains two input fields: 'Http proxy host' and 'Http proxy port'. The 'Http proxy port' field has the value '8080' entered. A 'Save' button is located at the bottom right of the settings panel.

Figure 4: Proxy server configuration.

Text description of this image

5 Check the internet network status

5.1 Status bar

Check the internet access through the status bar in the top right corner.

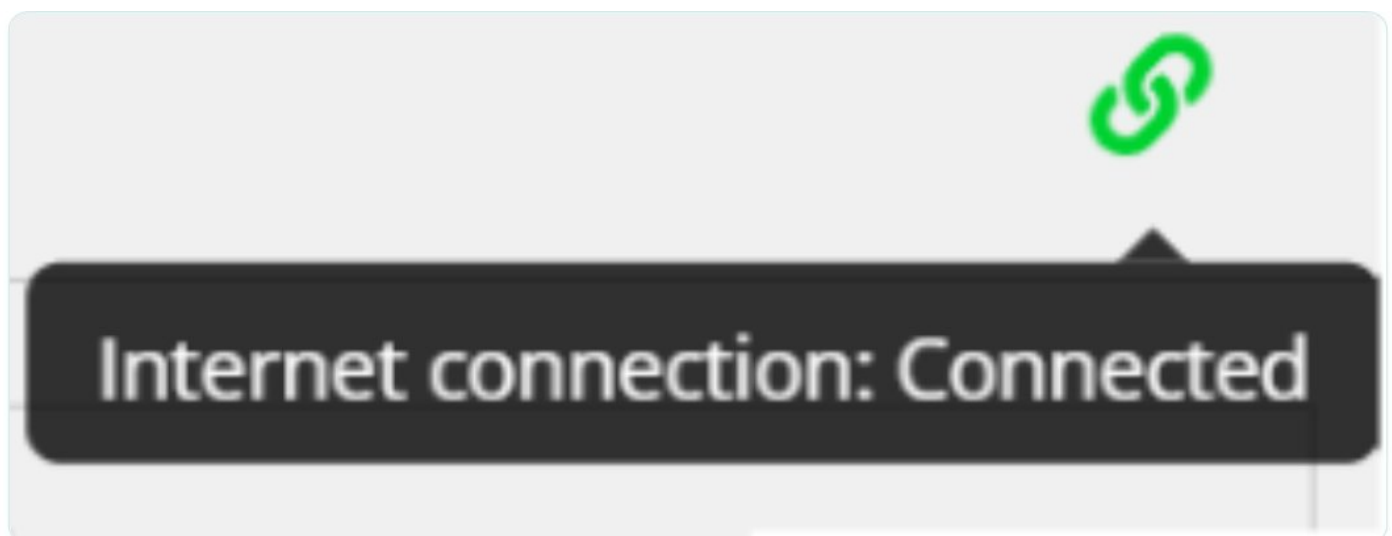


Figure 5: Internet connection status icon.

Text description of this image

5.2 Network settings

Alternatively, go to **Settings – System – Network – Internet connection**. A green check icon marks a working connection.

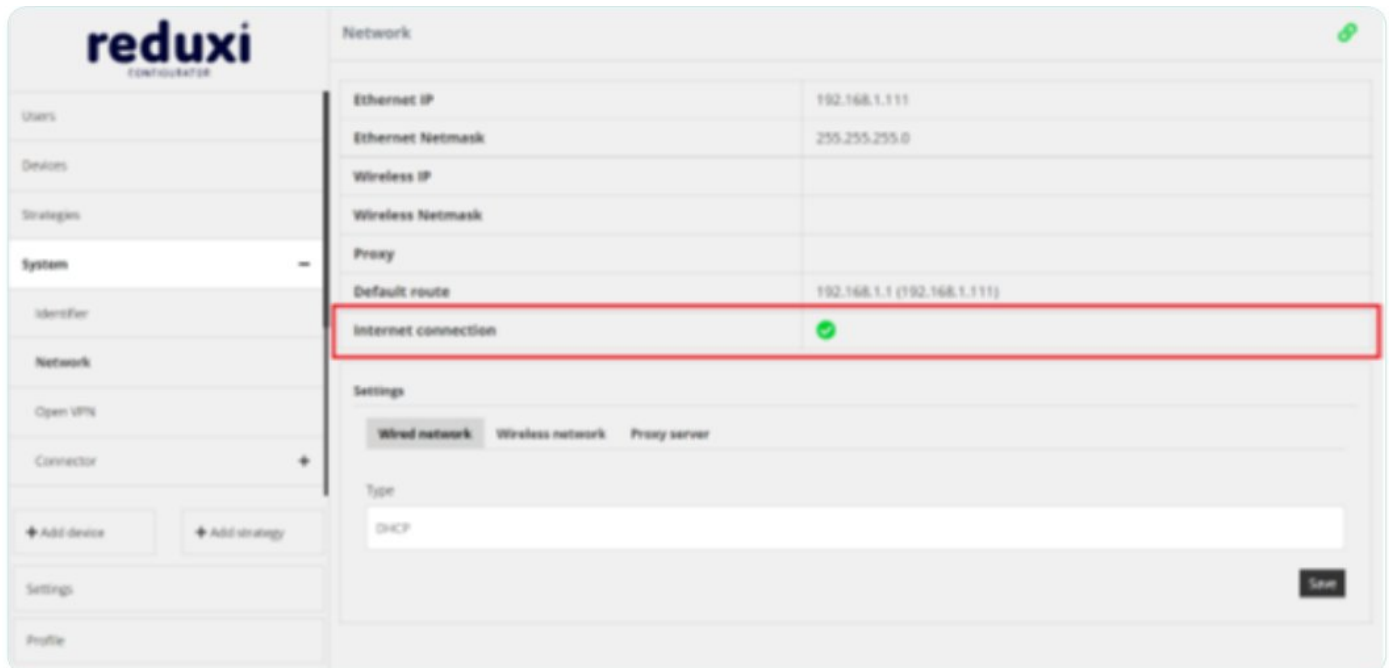


Figure 6: Internet connection status icon.

Text description of this image

✓ Summary

Basics (Point 1): Internet access is needed for Reduxi Cloud, remote support over VPN and the secure connection through Reduxi Cloud.

Wired and wireless (Points 2–3): DHCP is the default. Enter static settings if your network needs them. For Wi-Fi, scan and select a network.

Proxy (Point 4): Enter the HTTP proxy host and port. Use this only if you need it.

Check (Point 5): Check the status icon in the top right corner or under Settings – System – Network – Internet connection.

→ Common issues

ISSUE	SOLUTION
No internet connection shown	Check the status under Settings – System – Network – Internet connection. A green check icon marks a working connection. Check the DHCP, static or proxy settings.
Wi-Fi network not in the list	Click Scan again on the Wireless network tab and choose the network from the list.

→ Related articles

Matching guides from the Reduxi knowledge base:



Steps to enable secure Open VPN connection to Reduxi Controller

Allow a remote support connection over VPN.



Device setup guides

All step-by-step guides for connecting devices to the Reduxi Controller



Strategies for the Reduxi Controller

Energy manager and other strategies explained