miriOS Web Interface Overview

X510 · miriOS 3.x

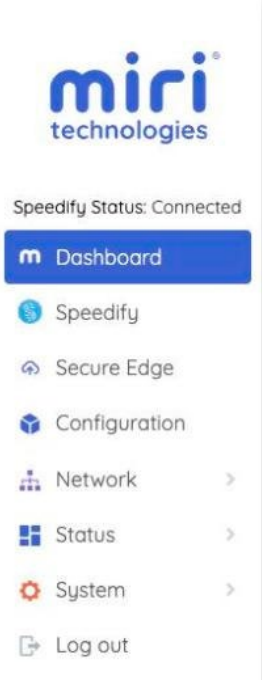
miriOS is the new operating system and web interface for the Miri X510. The main design feature is that almost everything you need day to day lives on a single Dashboard: connection status, Speedify adapter priorities, Wi-Fi, connected clients, and cellular details are all visible and editable from one screen. The left-hand menu groups the deeper settings into Speedify, Secure Edge, Configuration, Network, Status, and System. This overview walks through each area so you know where things are.

To reach the interface, connect to the router's LAN or Wi-Fi and browse to the router's LAN address (192.168.10.1 by default). Sign in with the router's administrator credentials.

GETTING AROUND

The left sidebar is always visible. Directly under the Miri logo, a Speedify Status line tells you at a glance whether the bonded connection is up. Below that are the seven menu items. Network, Status, and System each expand to show sub-pages when you click them, and the page you are on is highlighted in blue.

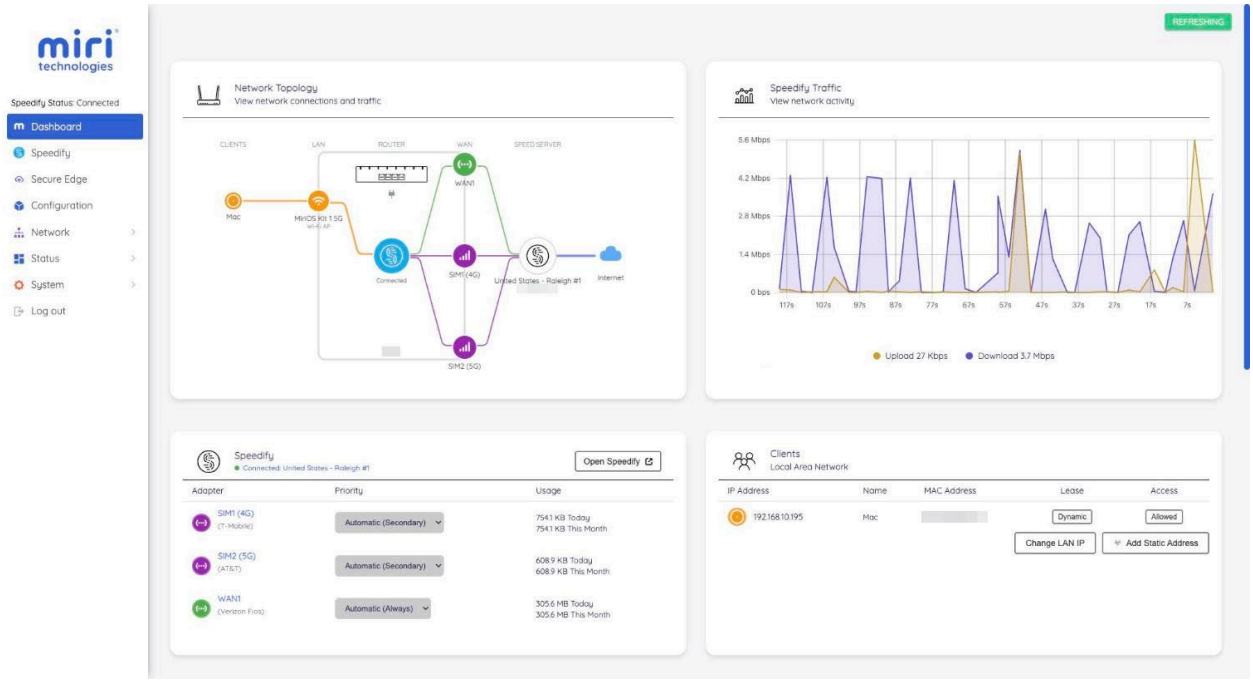
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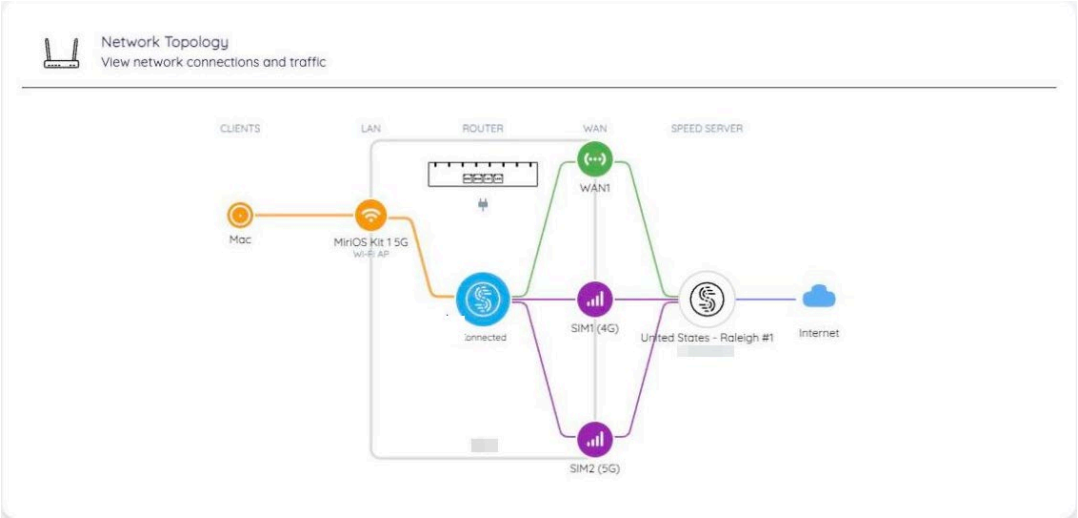
Quick Tip: Most everyday tasks (checking signal, changing the Wi-Fi password, setting which connection Speedify should prefer, finding a client's IP) can be done from the Dashboard without opening any other menu. Start there before going into Network or System.

DASHBOARD

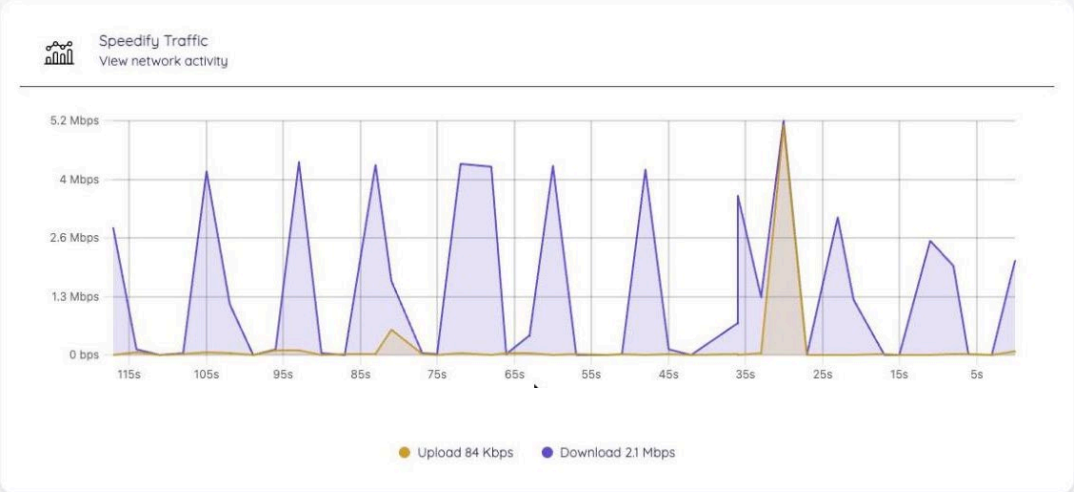
The Dashboard is the landing page after you sign in. It is laid out as cards, with a System Information card across the bottom. Each card has an "Open ..." button in its top-right corner that jumps to the full settings page for that area. The green REFRESHING badge in the top-right corner means the values on screen are updating live. The Dashboard is also customizable: cards can be added or removed to match the way you work.



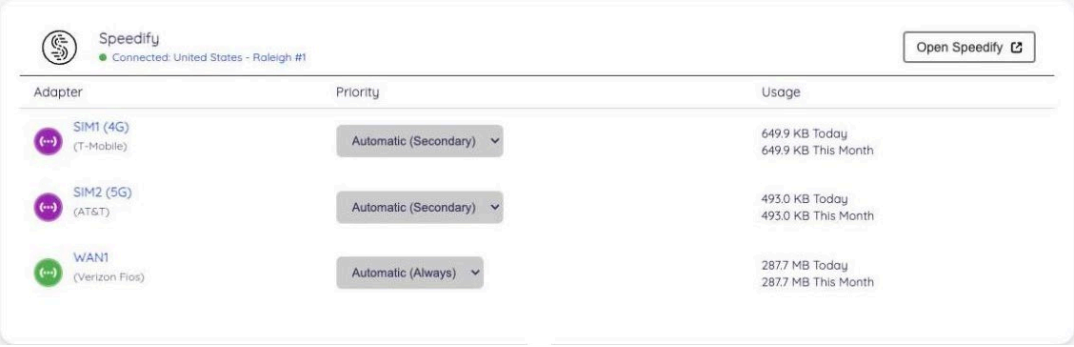
Network Topology: This diagram shows the live path from your clients, through the router, out over each WAN adapter, to the Speedify server, and on to the Internet. Ethernet WAN, SIM1, and SIM2 each appear as their own node, and the line color tells you which adapters are carrying traffic. It is the fastest way to confirm that every connection you expect to be up is actually up.



Speedify Traffic: A rolling two-minute graph of upload and download throughput through Speedify. Use it to confirm that traffic is flowing and to spot bursts or drops while you are testing a link.



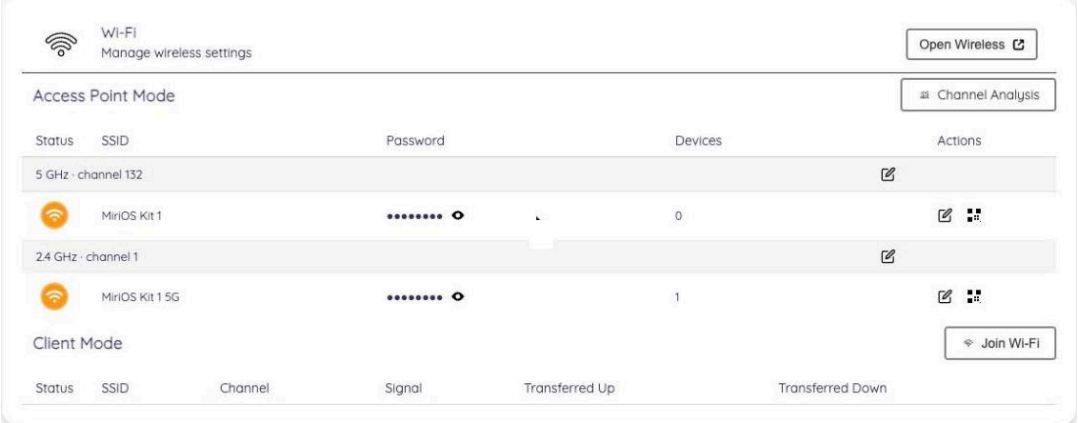
Speedify Adapters: This card lists each WAN adapter with its carrier name, its current Speedify priority, and how much data it has used today and this month. The Priority dropdown is live: choosing Always, Secondary, Backup, or Never changes how Speedify uses that adapter immediately, and Automatic lets Speedify decide. The Open Speedify button takes you to the full Speedify page described below.

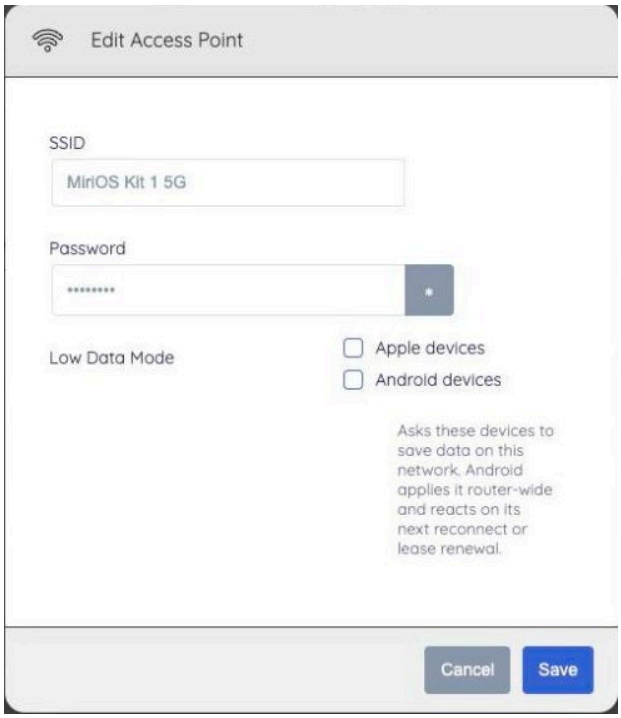


Clients: Every device on the LAN is listed with its IP address, name, MAC address, and lease type. Clicking the Lease button converts a dynamic lease into a static one, and the Access button lets you block a device from the network. Change LAN IP moves the router to a different LAN subnet, and Add Static Address lets you reserve an IP for a device by MAC address.



Wi-Fi: The 5 GHz and 2.4 GHz access points are listed under Access Point Mode with their SSID, password (click the eye icon to reveal it), and the number of connected devices. The pencil icon on the band row changes the channel; the pencil icon on the SSID row opens the Edit Access Point dialog for the SSID, password, and Low Data Mode options. The QR icon shows a code that phones can scan to join. Client Mode, at the bottom of the card, is where you join the router to another Wi-Fi network as an upstream connection using the Join Wi-Fi button.





Cellular: Both SIM slots appear here with their operator, connection state, technology (4G LTE or 5G), and signal quality. The action icons on the right let you scan nearby cells, open the SIM in the Miri data portal, and show a detail panel with full registration

information. Open Cellular takes you to the Network Interfaces page, where the modem interfaces can be edited.

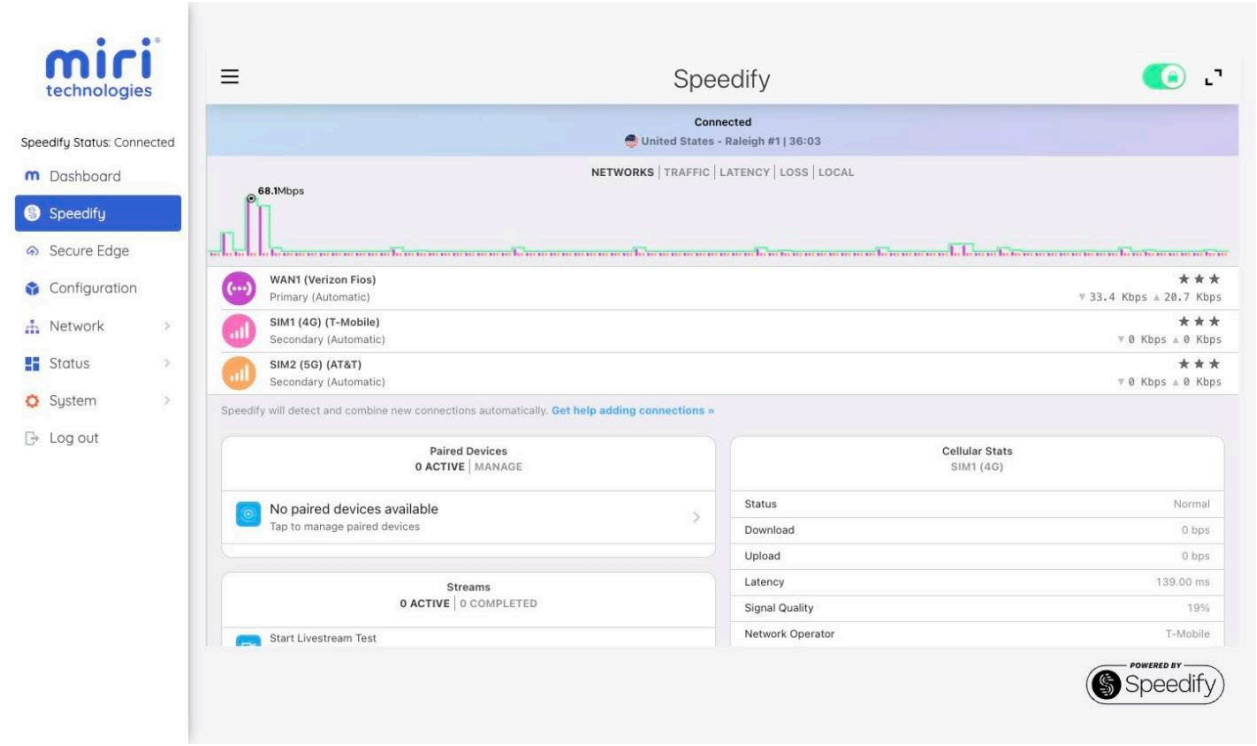


System Information: The bottom card shows the device model, serial number, firmware version, Speedify version, and power state including both battery bays. A green "Up to date" label appears next to the firmware version when no update is pending. This is the first place to look when support asks which version you are running.

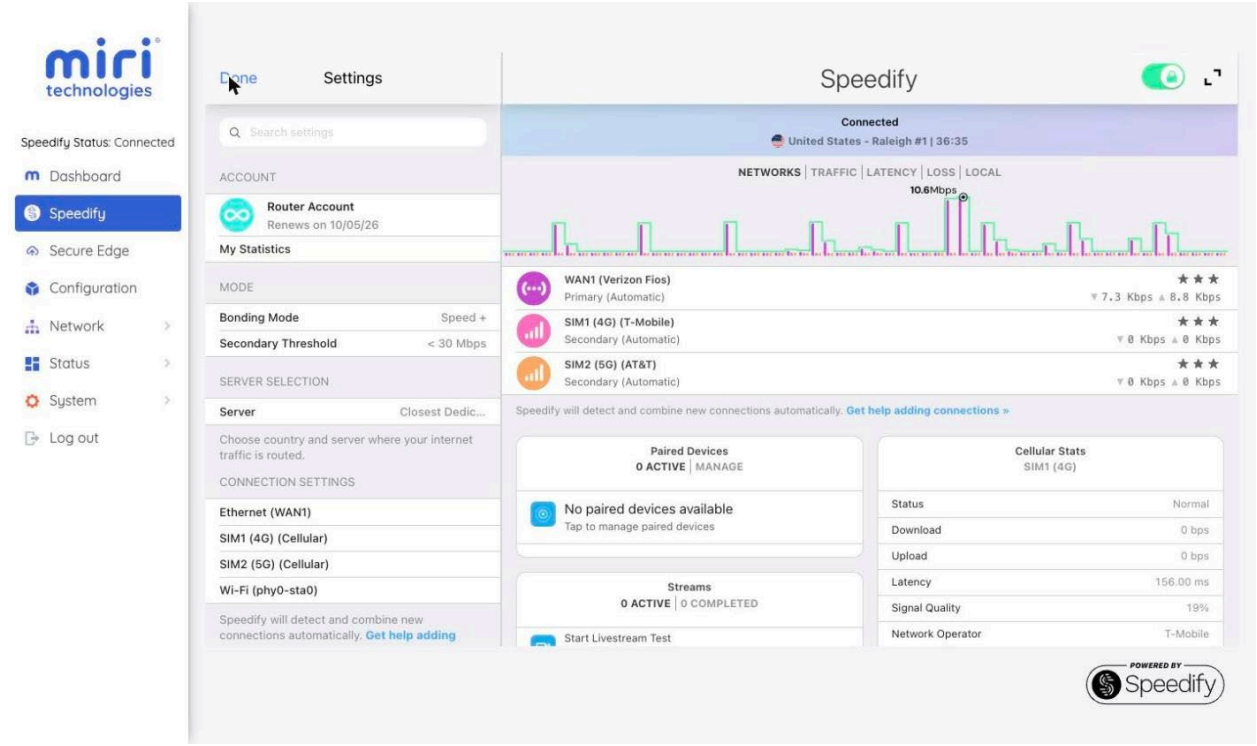


SPEEDIFY

The Speedify page embeds the full Speedify router interface. The banner at the top shows the connection state and the server you are bonded to, followed by a live graph with NETWORKS, TRAFFIC, LATENCY, LOSS, and LOCAL views. Each adapter is listed with its role and current throughput, and the panels below cover Paired Devices, Streams, Bypass, Statistics, and per-SIM Cellular Stats. The toggle in the top-right corner turns Speedify on or off.



Settings: Click the menu icon (three lines) in the top-left of the Speedify panel to open Settings. This is where you change the bonding mode, pick a server, adjust per-adapter settings, run performance tests, and set streaming prioritization, encryption, and other advanced options. Click Done to close the panel.



SECURE EDGE (COMING SOON)

Secure Edge will provide central device management and provisioning.

> **Secure Edge is coming soon. Do not set it up yet.**
> Secure Edge will provide central device management and provisioning. The page is visible in this release, but the service is not ready for customer use. Leave Enable Secure Edge unchecked and do not choose an environment or enroll the device until you receive further communication from Miri.

CONFIGURATION

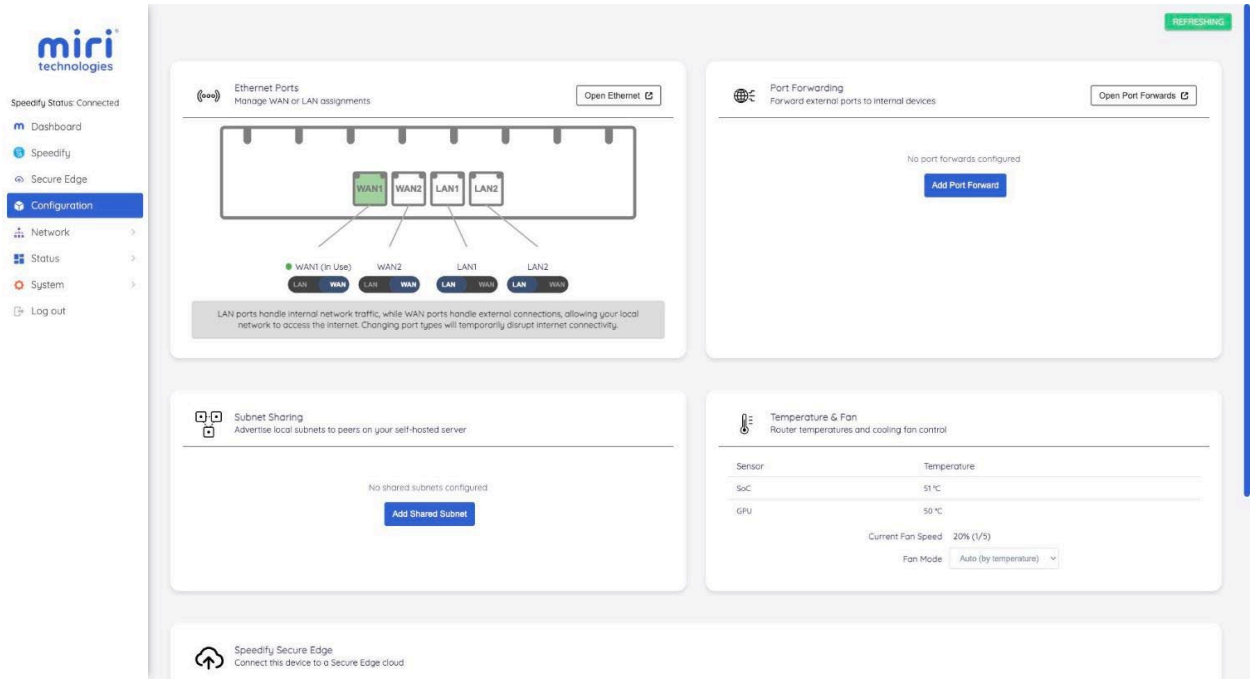
The Configuration page collects the hardware-level settings that used to be spread across the original System menu.

Ethernet Ports: Shows the four rear ports with a LAN/WAN toggle under each so you can reassign a port; the diagram highlights which port is currently in use.

Port Forwarding and Subnet Sharing: Expose internal devices to the outside and advertise local subnets to peers on your self-hosted server.

Temperature & Fan: Shows the SoC and GPU temperatures and lets you pick a fan mode, from automatic through fixed speeds.

Speedify Secure Edge: Part of the coming-soon Secure Edge feature. Please do not set it up yet.



Quick Tip: Changing a port between LAN and WAN briefly interrupts connectivity while the router re-applies the network configuration. Make the change from a device that is not connected through the port you are reassigning.

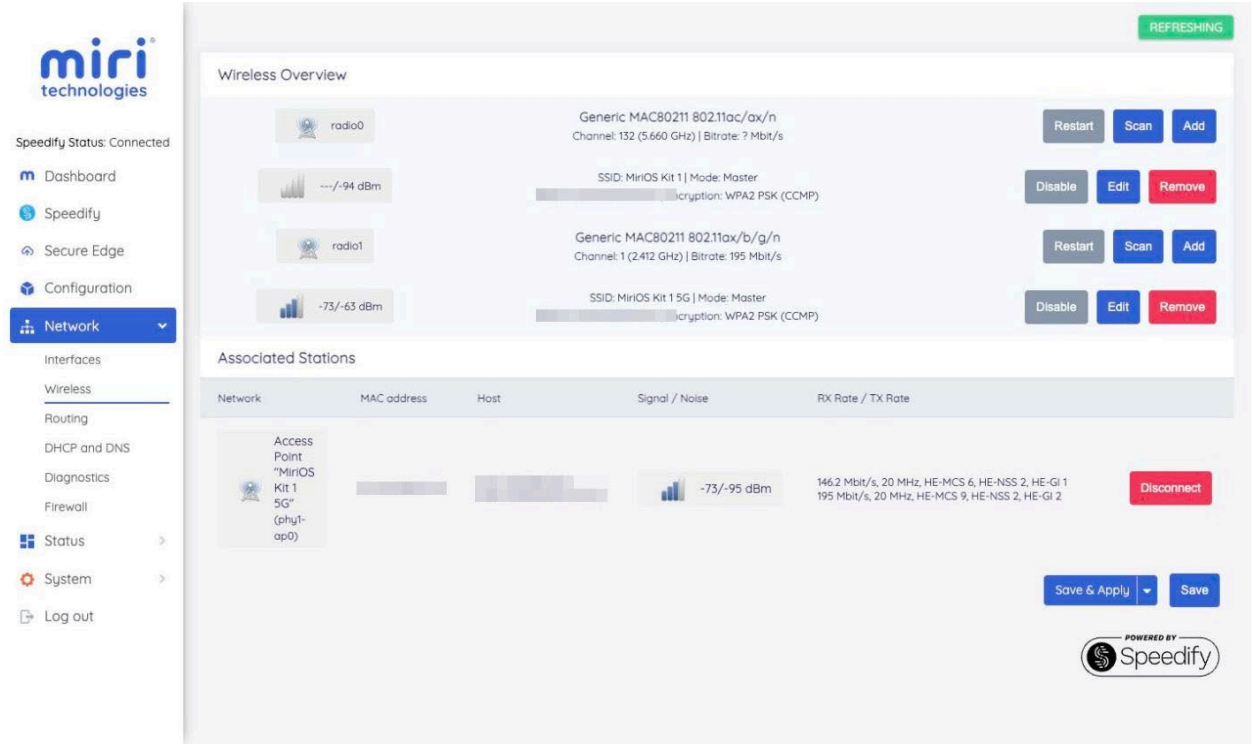
NETWORK

The Network menu contains the detailed networking pages: Interfaces, Wireless, Routing, DHCP and DNS, Diagnostics, and Firewall. These pages offer far more control than the original firmware and will look familiar to anyone who has used an OpenWrt-based router. For most users the Dashboard covers the common tasks, and these pages are for the cases that need more depth.

Interfaces: Every network interface on the router is listed here with its protocol, uptime, addresses, and traffic counters. The lan interface is the local network, mgmt is the USB management port, modem4g and modem5g are the two cellular modems, and speedify is the bonded tunnel. Use Edit on a modem interface to change APN, authentication, or roaming settings, and Edit on a WAN interface to set a static IP.



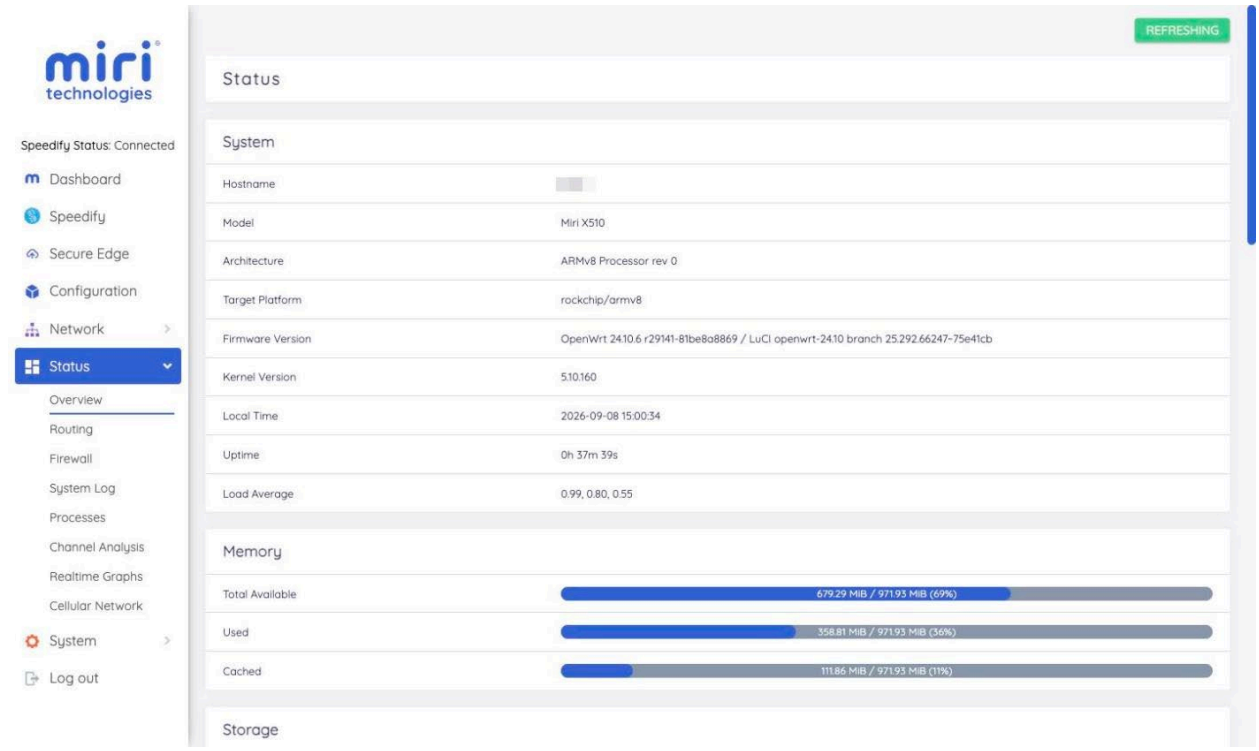
Wireless: The Wireless page shows both radios, the access points running on each, and the stations currently associated. Use it when you need per-radio options that the Dashboard does not expose, such as adding a second SSID, changing encryption, or scanning for nearby networks.

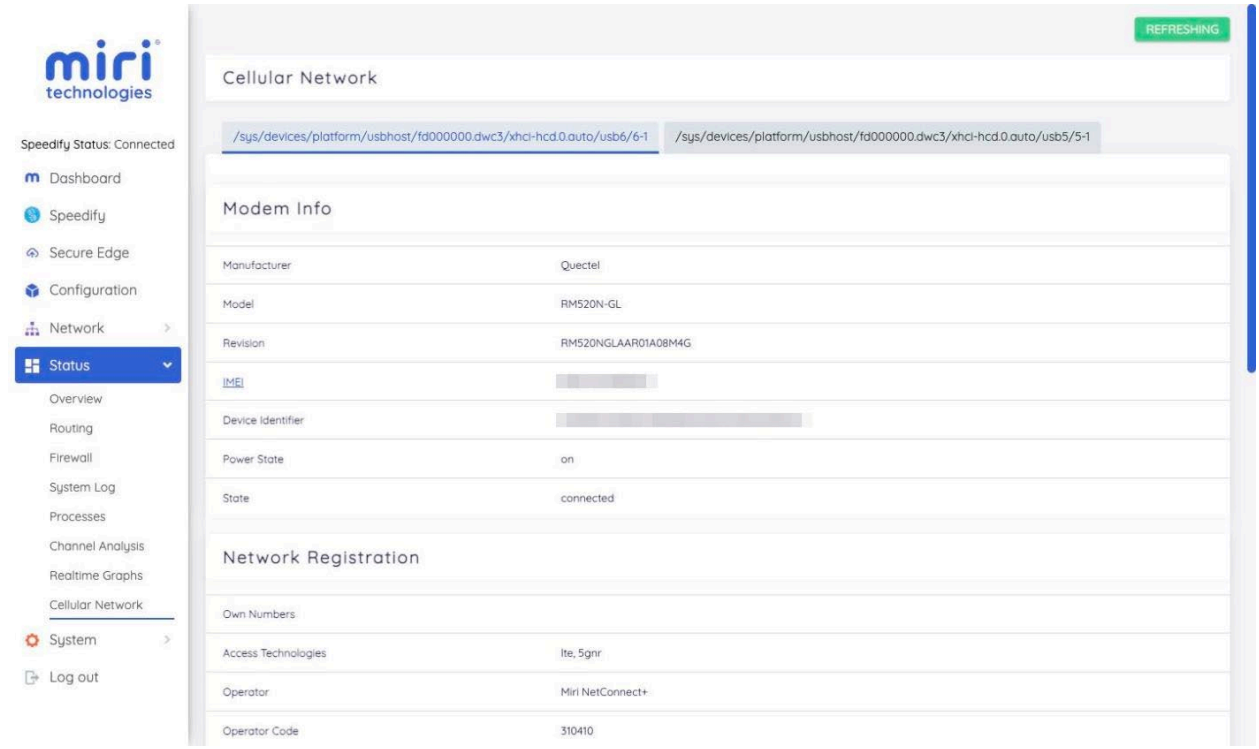


Routing, DHCP and DNS, Diagnostics, and Firewall: These round out the menu. Diagnostics is worth remembering: it provides ping, traceroute, and nslookup tools that run from the router itself, which is useful when you need to check whether a problem is on the LAN side or the WAN side.

STATUS

The Status menu is read-only and is where you go to see what the router is doing. Overview shows the hostname, model, firmware, uptime, memory, storage, and physical port state. System Log and Processes are for troubleshooting, Realtime Graphs shows live load and bandwidth, Channel Analysis scans the Wi-Fi spectrum, and Cellular Network gives the full modem and SIM registration details for each slot.





SYSTEM

The System menu holds device-level settings.

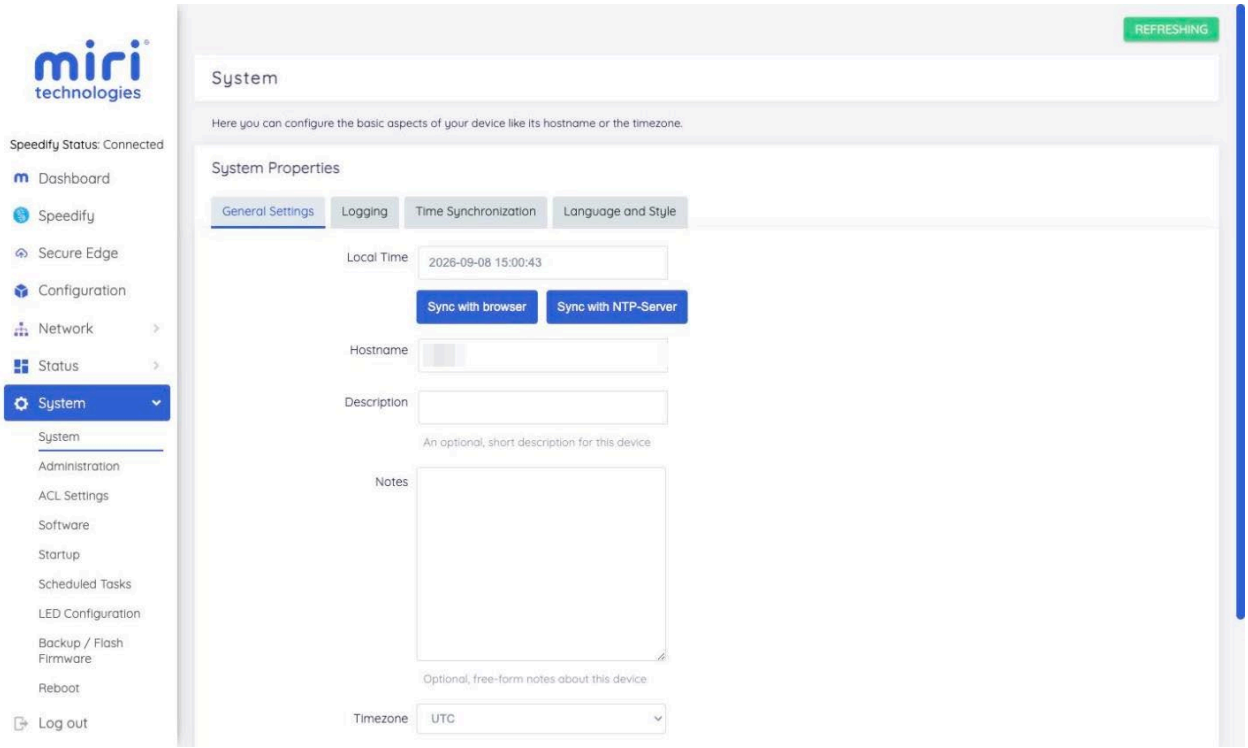
System: Set the hostname, time zone, and NTP servers.

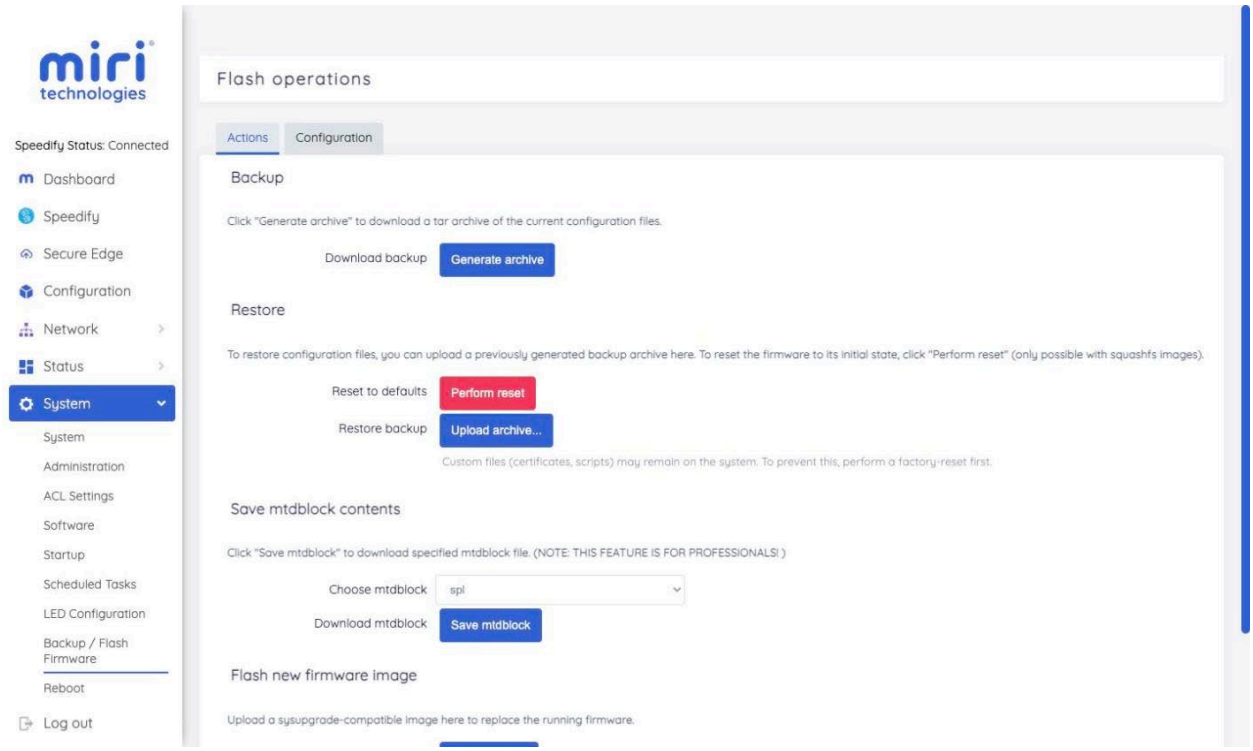
Administration: Change the router password and SSH access.

Backup / Flash Firmware: Download a configuration backup, restore one, reset to defaults, or upload a new firmware image.

Reboot: Restart the router.

The remaining items (ACL Settings, Software, Startup, Scheduled Tasks, LED Configuration) are advanced and are not needed for normal operation.





Quick Tip: On pages that have both Save and Save & Apply buttons, Save only stages the change. Nothing takes effect on the router until you click Save & Apply.

NEED HELP?

If you have questions about the new interface or cannot find a setting you used in the original firmware, open a support ticket at support.miri.tech. The companion guide, Navigating the New miriOS Interface, maps the original menu locations to the new ones.