ComX Computers
Product Specification Sheet

AMFWL510B

Astrum WL510 4G LTE 150MBPS 3000MAH MiFi Router

Product Overview

Astrum WL510 4G LTE 150MBPS 3000MAH MiFi Router; LTE upload up to 50Mbps; WiFi 6 up to 300Mbps; 2.4GHz; up to 10 devices; 3000mAh removable Li-ion battery; 1.77 inch TFT LCD; Nano SIM; USB-C; microSD; WPA2/WPA3; 0.11kg











Specifications

About this product

The**Astrum WL510 4G LTE MiFi Router**provides portable internet access with download speeds up to 150Mbps, WiFi 6 wireless connectivity up to 300Mbps, a 3000mAh removable Li-ion battery and support for up to 10 connected devices. The 1.77 inch TFT LCD displays important connection, signal and battery information, while USB-C tethering and microSD sharing add useful connectivity options for travel, remote work and everyday mobile internet access. Buy the Astrum WL510 online for portable 4G LTE connectivity in South Africa.

Overview Summary

Astrum WL510 4G LTE WiFi 6 MiFi Router

The Astrum WL510 is a compact portable MiFi router designed to provide wireless internet access wherever a compatible mobile network is available. It supports 4G LTE download speeds up to 150Mbps and upload speeds up to 50Mbps, while WiFi 6 provides wireless speeds up to 300Mbps on the 2.4GHz band. Up to 10 devices can connect simultaneously, making it suitable for phones, tablets, laptops and other compatible WiFi devices.

The 3000mAh removable Li-ion battery makes the WL510 suitable for portable use, while the 1.77 inch TFT LCD provides information about SIM status, signal strength, battery level and connection status. USB-C tethering enables a wired internet connection to compatible computers, and the microSD slot supports wireless file sharing and remote browsing. Security features include WPA2 and WPA3, IP filtering, DDNS and MAC locking.

Performance tier: Portable 4G LTE WiFi 6

Uses:mobile internet, travel, remote work, home backup internet, school, laptop connectivity, tablet connectivity

Overview

The Atrum WL510 Router is a compact and versatile 4G LTE Wi-Fi hotspot device designed to deliver reliable wireless internet connectivity on the go. It supports high-speed 4G LTE data connections of up to 150 Mbps download and up to 50 Mbps upload, enabling smooth browsing, streaming, and online work from virtually anywhere with cellular coverage. The WL510 integrates Wi-Fi 6 technology to provide faster, more efficient wireless performance and can support multiple devices simultaneously, making it ideal for personal, travel, or remote work use. Its built-in 3000 mAh rechargeable battery ensures portable all-day operation without constant power, and the easy-to-read LCD screen displays key status information such as signal strength, battery level and connection status. With secure WPA3 encryption and user-friendly setup, the WL510 combines mobility, performance, and simplicity for dependable internet access wherever you are.

Description

The Astrum WL510 is a portable 4G LTE MiFi router designed to provide convenient wireless internet access without relying on a fixed broadband connection. Insert a compatible Nano SIM card and the WL510 can share the available mobile data connection with multiple WiFi devices. It supports LTE download speeds up to 150Mbps and upload speeds up to 50Mbps, providing a practical solution for browsing, streaming, online work and general internet access where compatible cellular coverage is available.

Wireless connectivity uses WiFi 6 technology with support for up to 300Mbps on the 2.4GHz band. The router can connect up to 10 devices simultaneously, making it useful when several users or devices need to share one mobile data connection. The 1.77 inch TFT LCD provides convenient access to important device information, including SIM, signal, battery and connection status.

The 3000mAh removable Li-ion battery supports portable operation, allowing the WL510 to be used away from a fixed power source. USB-C tethering provides a wired internet connection to compatible computers, while the microSD card slot supports wireless file sharing and remote browsing. WPA2 and WPA3 security, IP filtering, DDNS and MAC lock provide additional

network management and security features.

With support for 4G LTE, 3G and 2G networks and multiple LTE bands, the Astrum WL510 is designed as a flexible mobile connectivity solution for travel, remote work, temporary internet access and other situations where portable WiFi is required.

Features

The Astrum WL510 combines 4G LTE mobile connectivity, WiFi 6 wireless networking and portable battery power in a compact MiFi router designed for flexible internet access.

- 4G LTE connectivity: Supports LTE download speeds up to 150Mbps and upload speeds up to 50Mbps.
- WiFi 6 wireless: Provides wireless speeds up to 300Mbps on the 2.4GHz band.
- Multi-device connectivity: Supports up to 10 connected devices simultaneously.
- 3000mAh battery: Uses a removable 3000mAh Li-ion battery for portable operation.
- LCD display: The 1.77 inch TFT LCD displays SIM, signal, battery and connection information.
- USB-C tethering: Supports wired internet connectivity through USB-C with RNDIS and ECM support.
- MicroSD support: Provides wireless file sharing and remote browsing through the microSD card slot.
- Nano SIM: Uses a Nano SIM card for mobile network connectivity.
- Network compatibility: Supports 4G LTE, 3G and 2G network connectivity.
- Network security: Supports WPA2 and WPA3 security together with IP filtering, DDNS and MAC lock.

What's in the Box

- 1 x Astrum WL510 4G LTE WiFi 6 MiFi Router
- 1 x USB-A to USB-C cable
- 1 x User guide

Specifications

- Brand: Astrum
- Model: WL510
- Product code: AMFWL510B
- Network: 4G LTE, 3G, 2G
- LTE download speed: Up to 150Mbps
- LTE upload speed: Up to 50Mbps
- LTE bands: B1/3/7/8/20/28/38/40/41 (120MHz)
- WiFi standard: WiFi 6, 802.11b/g/n/ax
- WiFi frequency: 2.4GHz
- Maximum WiFi speed: Up to 300Mbps
- Maximum connected devices: Up to 10 devices
- Display: 1.77 inch TFT LCD
- Battery: 3000mAh removable Li-ion
- SIM type: Nano SIM (4FF)
- USB port: 1 x USB-C
- SIM slot: 1 x Nano SIM slot
- Memory card slot: 1 x microSD slot
- USB tethering: RNDIS and ECM support
- MicroSD access: Web and USB access
- Security: WPA2, WPA3, IP Filter, DDNS, MAC Lock
- Operating temperature: 0 C to 40 C
- Product weight: 0.11 kg

- Colour: Black

FAQ

What is the Astrum WL510 MiFi router?

The Astrum WL510 is a portable 4G LTE MiFi router that uses a Nano SIM card to provide mobile internet access and share the connection with compatible WiFi devices.

What is the maximum 4G LTE speed of the Astrum WL510?

The Astrum WL510 supports LTE download speeds up to 150Mbps and LTE upload speeds up to 50Mbps.

How many devices can connect to the Astrum WL510?

The WL510 supports up to 10 connected devices simultaneously.

Does the Astrum WL510 support WiFi 6?

Yes. The WL510 supports WiFi 6 using 802.11b/g/n/ax on the 2.4GHz band with wireless speeds up to 300Mbps.

What type of SIM card does the Astrum WL510 use?

The Astrum WL510 uses a Nano SIM card, also known as a 4FF SIM.

Does the Astrum WL510 have a battery?

Yes. The WL510 includes a removable 3000mAh Li-ion battery for portable operation.

Does the Astrum WL510 have a display?

Yes. It has a 1.77 inch TFT LCD that displays SIM, signal, battery and connection information.

Can the Astrum WL510 connect to a computer using USB?

Yes. The WL510 supports USB-C tethering with RNDIS and ECM support for compatible computers.

Does the Astrum WL510 support microSD cards?

Yes. The WL510 includes a microSD slot with support for web and USB access, wireless file sharing and remote browsing.

What security features does the Astrum WL510 provide?

The WL510 supports WPA2 and WPA3 security, IP filtering, DDNS and MAC lock.

Where can the Astrum WL510 be used?

The WL510 is suitable for travel, remote work, school, temporary internet access, mobile internet and other locations where compatible cellular network coverage is available.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx.co.za/AMFWL510B-Astrum-WL510-4G-LTE-150MBPS-3000MAH-MiFi-Router-p-340387.php

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: https://www.comx.co.za/terms-of-use.php
Terms of Sale: https://www.comx.co.za/terms-of-sale.php

PDF generated: 2026-11-04 15:58:32.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.