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LANTRONIX G526 IoT Cellular Gateway User Guide
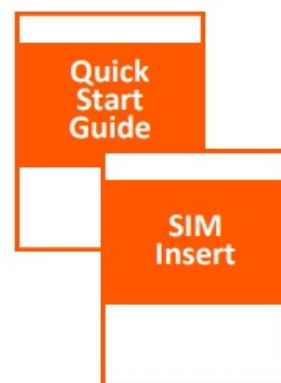
LANTRONIX G526 IoT Cellular Gateway User Guide

Thank you for choosing Lantronix. Please register your product to receive notifications for firmware and documentation updates at **www.lantronix.com/product-registration**.

Contents

WHAT'S IN THE BOX

G526/guides

Model shown: G526GP1AS

Accessory	Part number	quantity
Power cord	ACC-500-0420-00	1
SIM card	N/A	1

Accessories including antennas, power supplies, adapters, and cables are not included and are sold separately. For available accessories, visit **https://www.lantronix.com/products/g520/**

HARDWARE OVERVIEW

Front View

LEDs

Ethernet (LAN, WAN/LAN #2)

*Wi-Fi   RS-232   DC input   **RS-485   *Wi-Fi /Bluetooth

USB   **I/O connectors

Back View

*Cellular diversity   microSD   *GNSS   *Cellular main

Last Gasp
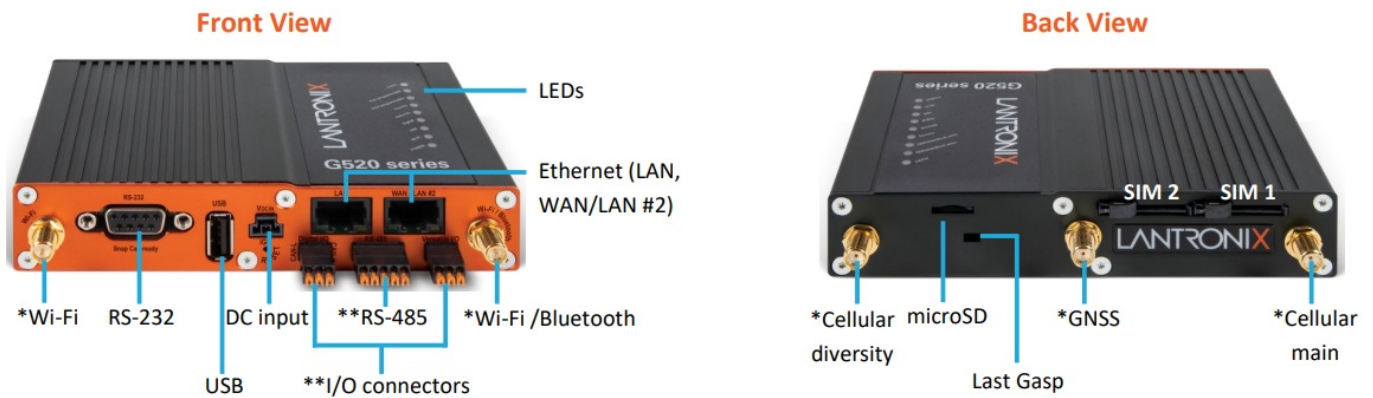
- Antenna selection will vary depending on your needs.
- 3-pin and 5-pin MICRO COMBICON plugs shown in the picture are sold separately.

HARDWARE SETUP

1. Unbox and verify the contents. Gather the accessories that you will need.
2. Remove the SIM card from its packaging. Locate the SIM 1 slot on the unit.
   To insert the SIM card, slide the latch for SIM 1 slot to the left and gently push the SIM card (contact side down) all the way into the slot. Release the latch.
   Note: The SIM card is pre-activated by Lantronix, but the APN may need to be configured in the software. See Quick Setup.
3. Attach the cellular / GNSS antennas to the antenna connectors and tighten them securely.
4. Optional: To enable Last Gasp, slide the battery switch to the left (ON).
5. Attach the Wi-Fi / Bluetooth antennas to the antenna connectors and tighten them securely. If you're using only Bluetooth, attach one antenna to the WiFi / Bluetooth connector.
6. Connect the power cord to the power supply. Attach the 3-pin plug on the power cord to the DC input on the unit. Connect the AC plug on the power supply to a standard AC receptacle.
7. Observe that the Power LED is lit.

LEDs		
Alert	Red	Device alerts
User Programmable 1	Blue	Software configurable
User Programmable 2	Blue	Software configurable
Activity	Amber	Cellular data activity
Network	Amber	Cellular network status
Signal	Amber	Cellular signal strength
SIM	Blue	SIM in use
Wi-Fi	Blue	Wi-Fi network status
Power	Green	Power On or Off

LOG INTO THE ROUTER

Note: The DHCP client must be enabled on your computer to obtain a valid IP address from the router. Refer to your computer's operating system documentation if you need details.

To connect using Wi-Fi: In the computer's Wi-Fi network settings, select the router's Wi-Fi access point SSID and click Connect.
Enter the default WPA/WPA2 key when prompted.

To connect using Ethernet: Attach one end of a Cat5 cable to the unit's LAN port and the other end to the computer's LAN port.

1. To log into the Web Admin interface, open a web browser and type the unit's LAN IP address, 192.168.1.1, in the URL field.
2. Enter the Web Admin default user name and password.

Note: Change the initial password for both the root and admin users before configuring the router.

Default Credentials

Access Point SSID

Parameter	Default Value
SSID	Lantronix-<model>-<serial-number>
WPA/WPA2 Key	W1rele$$

**Web Admin Console**

User name	Default Password
admin	admin
root	L@ntr0n1x

QUICK SETUP

To configure the network interfaces:

1. Log into the Web Admin, and click Quick Setup.
2. On the Network Setup page, you can configure the LAN, WAN, Cellular and Wireless LAN (access point) network interfaces.
3. To complete the SIM card configuration, scroll down the page to the Cellular section. On the General Settings tab, make sure that the Primary SIM selection is SIM1, matching the slot where the SIM card was inserted. Then click the SIM1 Settings tab and check that the APN value matches the APN printed on the SIM Activation Insert, or enter it if necessary.
4. Click Save & Apply.
   Note: Use the Lantronix Connectivity Services SIM Management Portal to manage the provided SIM card.
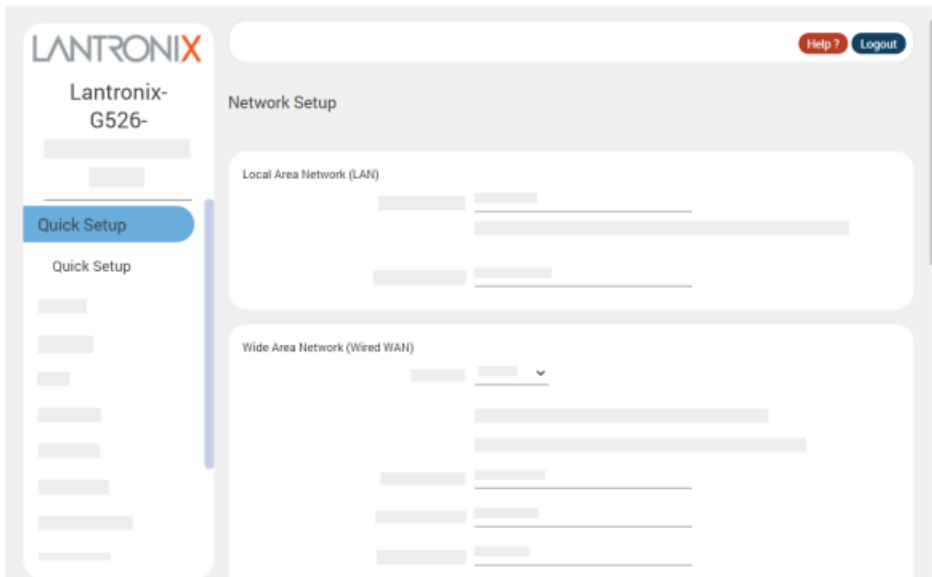
LANTRONIX SOFTWARE SERVICES

 Lantronix Connectivity Services
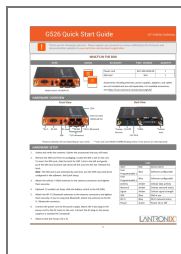**https://connectivity.lantronix.com**

 Lantronix ConsoleFlow™
https://consoleflow.com

Lantronix Support
For support links and the latest firmware and documentation, visit **https://www.lantronix.com/support**

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Documents / Resources

LANTRONIX G526 IoT Cellular Gateway [pdf] User Guide
G526 IoT Cellular Gateway, G526, IoT Cellular Gateway, Cellular Gateway, Gateway

References

- X **Product Registration | Lantronix**
- **connectivity.lantronix.com**
- **consoleflow.com**
- **consoleflow.com/#/**

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- X **G520 Next-Generation IoT Cellular Gateways | Lantronix**
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