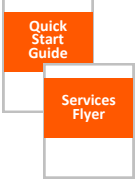# G528 Quick Start Guide

IoT Cellular Gateway

> **!** Thank you for choosing Lantronix. Please register your product to receive notifications for firmware and documentation updates at www.lantronix.com/product-registration.
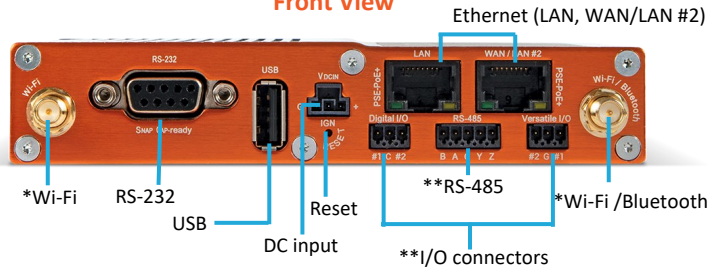
WHAT'S IN THE BOX

G528	GUIDES	ACCESSORIES	
		Included	**Not included**

G528 device
Model shown: G528GP2FS

LEDs

Quick Start Guide

Services Flyer

Power cord
P/N shown: ACC-500-0420-00

Accessory Bundle
(example image)

How to buy: https://www.lantronix.com/products/g520/

1. HARDWARE OVERVIEW

Front View

Ethernet (LAN, WAN/LAN #2)

*Wi-Fi   RS-232   USB   Reset   DC input   **RS-485   **I/O connectors   *Wi-Fi /Bluetooth

*Antenna selection will vary depending on your needs.

Back View

microSD   SIM 2   SIM 1

*Cellular diversity   Last Gasp   *GNSS   *Cellular main

**3-pin and 5-pin MICRO COMBICON plugs are sold separately.

2. HARDWARE SETUP

1. Unbox and verify the contents. Gather the accessories that you will need.

2. Verify that the Lantronix Connectivity Services SIM is installed in SIM1 slot. The APN can be configured during 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). The battery is charged while the device is connected to an external power input.

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 Wi-Fi / Bluetooth connector.

6. If using non-PoE power supply, attach the regional adapter to the power supply unit. Connect the 3-pin plug on the power cord to the DC input and the AC plug on the power supply to a standard AC receptacle. If using PoE power supply, it should be installed by a skilled technician according to the manufacturer's instructions.

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

(See G520 Series User Guide for details.)

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3. 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 access 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. Login as root using the default password. Change the root and admin user passwords and click **Save.**

3. Login as admin to begin configuring the device.

Default Credentials

Access Point SSID

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

Web Admin Console

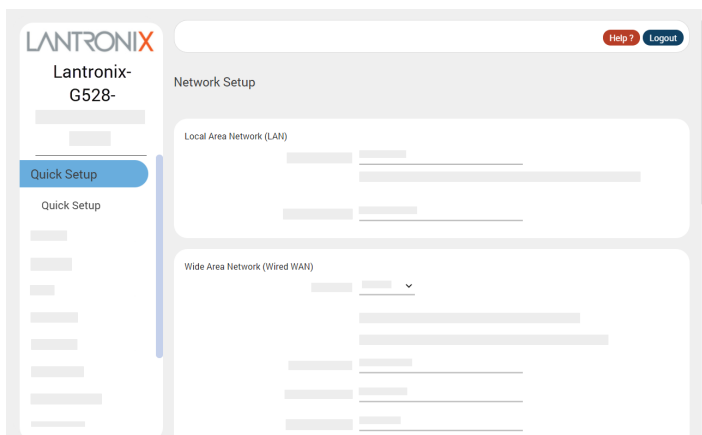| User name	Default Password
admin	admin
root	L@ntr0n1x

4. 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. The Lantronix SIM APN is *data641003*. To verify the configured SIM APN, go to Cellular > General Settings and view that Primary SIM is set to SIM1. Then click **SIM1 settings** and select **Use Custom APN** to view the APN.

4. Click **Save & Apply**.

Note: Use the Lantronix Connectivity Services SIM Management Portal to manage the provided SIM card.

5. SUPPORT

Scan for product information
www.lantronix.com/mylantronix/

Technical Support Visit www.lantronix.com/technical-support

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