

Digi AW08-G300

Digi AnywhereUSB 8 Plus User Manual

Model: AW08-G300

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, configuration, operation, and maintenance of the Digi AnywhereUSB 8 Plus. This device is an advanced USB connectivity hub designed for professional environments, enabling remote and local management of USB devices over a network. Please read this manual thoroughly before operating the device.

2. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- Digi AnywhereUSB 8 Plus unit
- Power supply
- Rack mount extension kit

3. PRODUCT OVERVIEW

The Digi AnywhereUSB 8 Plus features a robust design with various ports and indicators for efficient operation.

3.1 Front Panel



The front panel of the AnywhereUSB 8 Plus includes eight USB 3.1 Gen 1 Type A ports, an RJ-45 Ethernet port (ETH1), an SFP+ socket, and a DB09M console port. Status LEDs indicate activity for Ethernet, SFP+, USB, power, fan, user, and WWAN (if a CORE module is inserted).

3.2 Rear Panel



The rear panel features the 12VDC power input, a reset button, a cooling fan, a slot for an optional Digi CORE plug-in LTE modem, and connectors for WWAN and Wi-Fi antennas.

3.3 Key Features

- **Cellular Support:** Equipped with a Digi CORE plug-in LTE modem compliant socket for optional cellular connectivity.
- **Remote and Local Management:** Manage the USB hub remotely via Digi Remote Manager (cloud-based) or locally through a Web UI (HTTP/HTTPS) and CLI (Console, SSH).
- **Multi-OS Compatibility:** Supports Windows 7, Windows 8.1, Windows 10, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019, and Linux.
- **High-Speed Networking:** Features one RJ-45 Ethernet port supporting 10 M / 100 M / 1 G / 10 G speeds and one SFP+ socket for high-speed network integration.
- **Ample USB Ports:** Includes 8 USB 3.1 Gen 1 Type A ports, each providing 1 A simultaneously.

4. SETUP

Follow these steps to set up your Digi AnywhereUSB 8 Plus.

4.1 Physical Installation

1. **Mounting:** Use the included rack mount extension kit to install the unit into a standard 19-inch 1U rack. Ensure adequate ventilation around the device.
2. **Power Connection:** Connect the provided power supply to the 12VDC input on the rear panel of the AnywhereUSB 8 Plus, then plug the power supply into an appropriate power outlet.
3. **Network Connection:** Connect an Ethernet cable from your network to the RJ-45 Ethernet port (ETH1) on the front panel. Alternatively, use an SFP+ module and fiber optic cable for SFP+ connectivity.
4. **USB Device Connection:** Connect your USB devices to the available USB 3.1 Gen 1 Type A ports on the front panel.
5. **Optional Cellular Module:** If using, install the Digi CORE plug-in LTE modem into the designated slot on the rear panel and attach any necessary antennas.

4.2 Initial Configuration

After physical installation, the device can be configured locally or remotely.

- **Local Configuration:** Access the device's Web UI by entering its IP address into a web browser, or use the CLI via the console port (RS-232 DTE) or SSH. Refer to the device's default IP address or use network scanning tools to discover it.
- **Remote Configuration:** Register the device with Digi Remote Manager for cloud-based management and monitoring.

5. OPERATING INSTRUCTIONS

The AnywhereUSB 8 Plus offers flexible management options for connected USB devices.

5.1 Remote Management

Utilize the Digi Remote Manager platform to manage your AnywhereUSB 8 Plus from any location with internet access. This cloud-based solution allows for centralized control, monitoring, and firmware updates for multiple devices.

5.2 Local Management

For local control, you can use the following interfaces:

- **Web User Interface (Web UI):** Access the device's graphical interface through a web browser (HTTP/HTTPS) for easy configuration and status monitoring.
- **Command Line Interface (CLI):** Connect via the console port (RS-232 DTE) or SSH for advanced configuration and scripting.

5.3 OS Compatibility

The Digi AnywhereUSB 8 Plus is compatible with a wide range of operating systems, including:

- Windows 7
- Windows 8.1
- Windows 10
- Windows Server 2012 R2
- Windows Server 2016
- Windows Server 2019
- Linux

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your AnywhereUSB 8 Plus.

- **Cleaning:** Keep the device clean and free from dust. Use a soft, dry cloth for cleaning. Do not use liquid cleaners.
- **Ventilation:** Ensure that the ventilation openings are not blocked to prevent overheating.
- **Firmware Updates:** Regularly check for and apply firmware updates from the Digi International website to ensure the device has the latest features and security enhancements.
- **Cable Management:** Ensure all cables are securely connected and not under strain.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with the Digi AnywhereUSB 8 Plus.

- **No Power:** If the device does not power on, ensure the power supply is correctly connected to both the device and a working power outlet. Check the power LED on the front panel.
- **No Network Connectivity:** Verify that the Ethernet cable is securely connected to both the device and your network. Check the Ethernet status LEDs. Ensure network settings are correctly configured via the Web UI or CLI.
- **USB Device Not Recognized:** Ensure the USB device is properly connected to a USB port. Check the USB activity LEDs. Verify that the necessary drivers are installed on the host system.
- **Device Unresponsive:** If the device becomes unresponsive, try performing a soft reset via the management

interface. If that fails, use the physical reset button on the rear panel (a paperclip may be needed).

For more detailed troubleshooting, refer to the comprehensive documentation available on the Digi International support website.

8. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	AW08-G300
Memory	2 GB RAM, 4 GB flash (eMMC)
USB Ports	8 x USB 3.1 Gen 1 Type A (1 A per port simultaneous)
Ethernet Port	1 x RJ-45 (10 M / 100 M / 1 G / 10 G)
SFP+ Socket	1 x SFP+
Console Port	1 x DB09M; RS-232 DTE
Physical Dimensions (H x W x D)	44.45 mm x 260 mm x 160 mm (1.75 in x 10 in x 6 in)
Item Weight	1.58 kg (3.48 lb)
Power Requirements	12 VDC, 12 A max (98.5 watts max)
Operating Temperature	0 °C to 55 °C (-32 °F to 131 °F)
Operating Humidity	5% to 95% relative humidity (non-condensing)

9. CERTIFICATIONS

The Digi AnywhereUSB 8 Plus complies with the following certifications:

- **Safety:** UL 62368/60950, EN 62368, IEC 62368, CSA 22.2 62368-1
- **Emissions / Immunity:** CE; FCC Part 15 Class B, AS/NZS CISPR 22, EN 55024, EN 55032

10. WARRANTY

The Digi AnywhereUSB 8 Plus comes with a **5-year product warranty** from the date of purchase. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, refer to the official Digi International website.

11. SUPPORT

For further assistance, technical support, or to access additional documentation and software downloads, please visit the official Digi International website:

www.digi.com/support

You may also contact Digi International customer service for direct support.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question