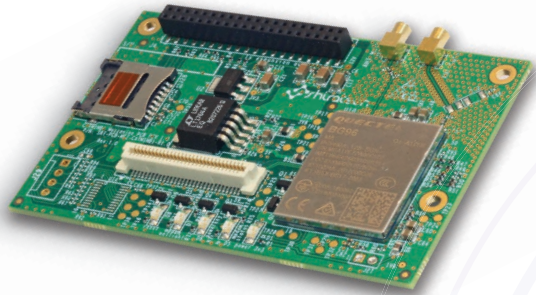


LTE-CATM1/NB1 MEZZANINE FOR 96BOARDS QUICK START GUIDE

P/N: SRT-96B-MEZ-CATM1NB1



1. INTRODUCTION

Shiratech LTE CAT-M1/NB1 Mezzanine is a 96Boards compatible mezzanine board that adds LTE modem functionality to any 96Boards CE/EE boards.

This quick start guide will show you how to connect the mezzanine and accessories and configure the LTE modem on Debian Linux.

2. BOX CONTENT

1. LTE CAT-M1/NB1 mezzanine board
2. LTE RF antenna
3. Quick start guide

3. REQUIRED HARDWARE

1. Cellular data SIM (make sure that your mobile network operator supports LTE CAT-M1/NB1 connectivity)
2. USB flash drive or Micro SD card
3. 96Boards CE/EE board running latest Debian Linux- in this guide we will use the Dragonboard 410C
4. Power supply
5. HDMI monitor and cable
6. USB mouse and keyboard

4. RUNNING THE MEZZANINE FOR THE FIRST TIME

1. Insert your SIM card to the SIM card connector.
2. Connect the mezzanine on top of your 96Boards CE/EE board.
3. Connect the included LTE antenna to RF connector Antenna Main.
4. Connect HDMI monitor, USB keyboard and USB mouse to your board.
5. Power on your board.
6. Download and install the latest Debian Linux for your 96Boards CE/EE board.
7. For Dragonboard 410C follow the instructions in the following link: <https://www.96boards.org/documentation/consumer/dragonboard410c/downloads/debian.md.html>

5. LTE MODEM CONFIGURATION

1. Once Debian desktop is up and running it is time to configure the LTE modem. Click the Network Connection icon on the lower right corner of the desktop.
2. Select New Mobile Broadband Connection from the menu.
3. In the Set up a Mobile Broadband Connection wizard window click Next.
4. Select your country and click Next.
5. Select your provider and click Next.
6. Select your plan and click Next.
7. Confirm configuration settings and click Apply.

The modem will attempt to connect to the cellular network. Once connection established the network connection icon will change to LTE connected icon. Open a web browser and check your new LTE connection.