

Running Armbian on GW-08.

Download Armbian image.

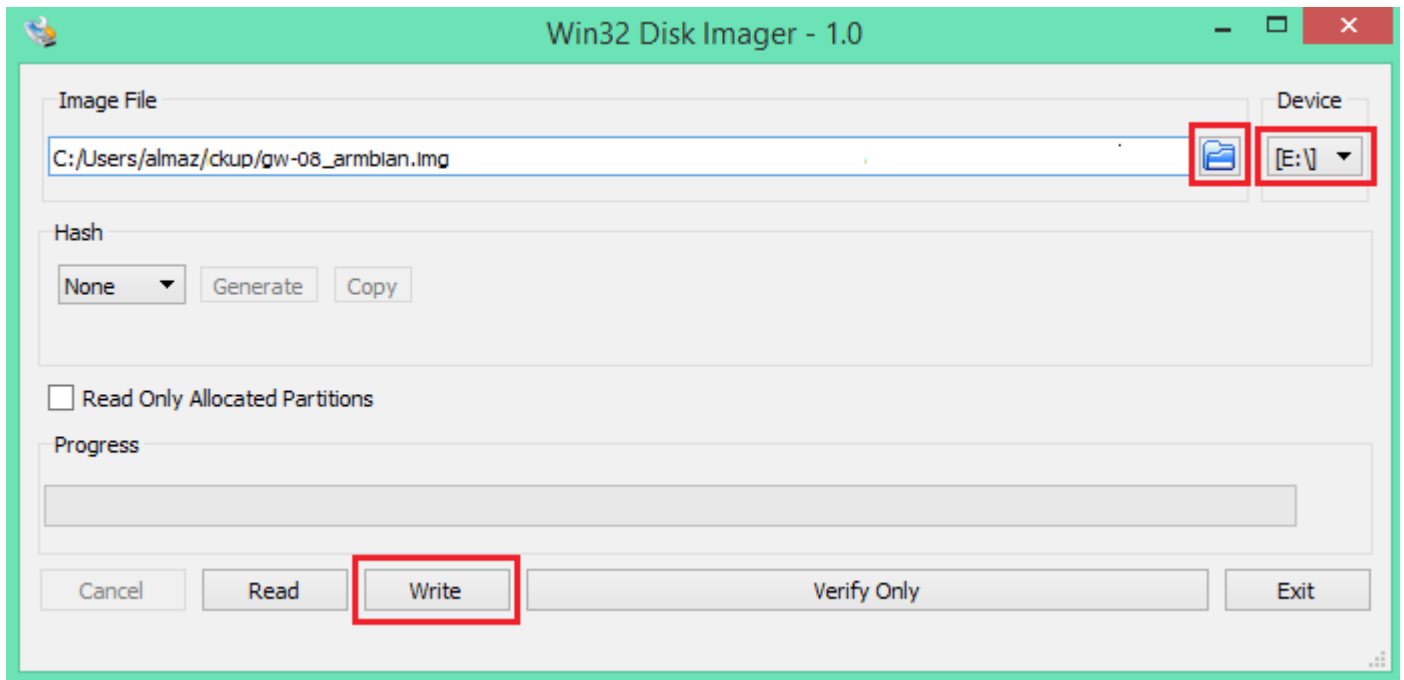
You can download armbian image for lorawan gateway GW-08 here:

https://www.dropbox.com/s/cyroh7ao266bn95/gw-08_armbian.img?dl=0

You need 2Gb or higher volume microSD card to boot Armbian from it.

Writing image on microSD.

Use [Win32 Disk Imager](#) utility to write image on microSD card:



Here you need to choose device index, image file to write. Then press to Write button. Writing process takes few minutes:




After it finishes writing process plug in microSD card to GW-08 and power up the device.

Remote connection.

Connect to device via SSH. Look for IP address of GW-08 on DHCP server for it. There is orangepzero device should appears in the list of devices:

192.168.100.1/index.asp

Moscow rsl10 TEC0089 lorawan SX1301 таможня фриланс Федеральная таможня Мёртвая зона 1 сезон Бессонница



HG8245

Status WAN LAN WLAN Security Forward Rules Network Application System Tools

WAN Information

VoIP Information

WLAN Information

Eth Port Information

DHCP Information

Optical Information

Battery Information

Device Information

User Device Information

Service Provisioning Status

Status > DHCP Information

On this page, you can query the basic DHCP information, including the host name, IP address, MAC address, remaining lease time, and device type.

Total IP Addresses Number:	253			
ETH IP Addresses Number:	8			
WiFi IP Addresses Number:	4			
Remaining IP Addresses Number:	241			
Host Name	IP Address	MAC Address	Remaining Lease Time	Device Type
iPhone-Ajrat	192.168.100.2	9c:fc:01:d1:b6:ed	249002(s)	Computer
almaz	192.168.100.4	2c:d0:5a:50:88:c5	215257(s)	Computer
android-6aef4179dc18c01a	192.168.100.3	74:04:2b:d6:b7:10	255145(s)	Computer
al	192.168.100.5	40:8d:5c:ee:ec:96	256987(s)	Computer
orangepizero	192.168.100.8	02:42:e9:be:89:83	259187(s)	Computer

Then login via SSH using login/pass: al/lorawan1:

Category:

Session

Logging

Terminal

Keyboard

Bell

Features

Window

Appearance

Behaviour

Translation

Selection

Colours

Connection

Data

Proxy

Telnet

Rlogin

SSH

Serial

Basic options for your PuTTY session

Specify the destination you want to connect to

Host Name (or IP address) al@192.168.100.8

Port 22

Connection type:

Raw

Telnet

Rlogin

SSH

Serial

Load, save or delete a stored session

Saved Sessions

orangepi

COM7

COM8

COM9

Realytics

cloud

dragino

orangepi

Load

Save

Delete

Close window on exit:

Always

Never

Only on clean exit

About

Open

Cancel

After entering to console of GW-08 you ready to start GW-08 to receive incoming LoRa packets.

Running the gateway.

Run this at every power up of gateway:

```
cd ~  
sudo ./iC880-SPI_reset.sh  
sudo chmod 777 /dev/spidev1.1  
cd packet_forwarder/lora_pkt_fwd  
./lora_pkt_fwd
```