Gateway Backup and Restore with FlashIt!
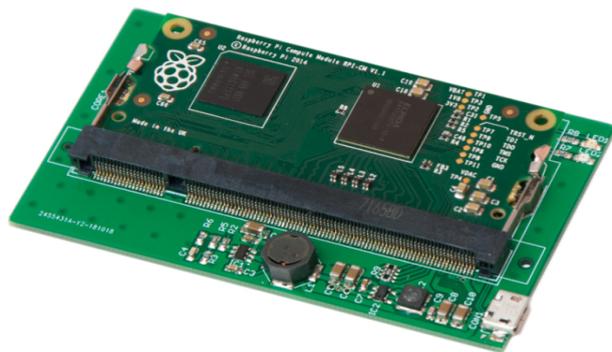
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IQ
HOME

www.iqhome.org

Contents

1 Overview

This guide explains how to backup and restore the mass storage of IQ Home Gateways using IQ Home FlashIt! Device.

2 Mount compute module

Before creating backup or recovery as a first step the mass storage on the compute module has to be mounted.

1. Download and extract backup.zip from here
2. Run rpiboot_setup.exe Windows installer to install drivers
3. Remove compute module from the gateway
4. Insert the compute module into FlashIt!

5. Connect FlashIt! to the PC with a micro USB cable
6. In Start menu type rpiboot and run rpiboot to mount mass storage
   (If not shows up in Start menu you can find in C:\Program Files (x86)\Raspberry Pi\rpiboot)

7. A command line prompt will open and tries to mount compute module.
   After the prompt closes the compute module successfully mounted.
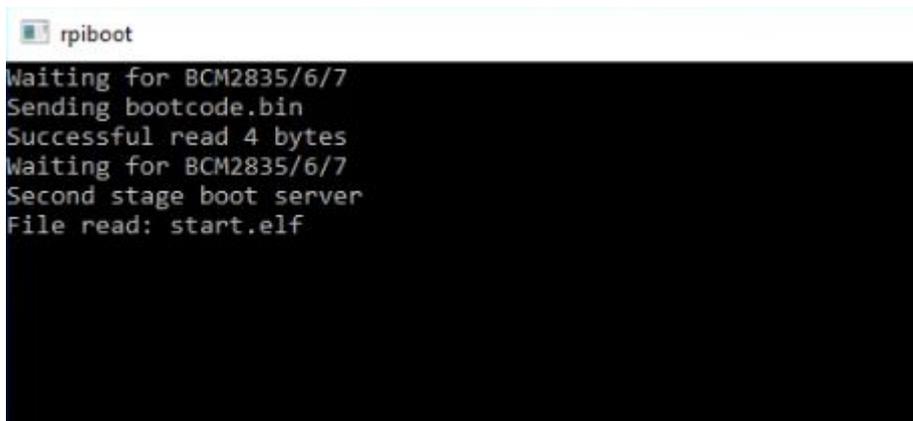
3 Create backup

WARNING!

Please ensure you are not writing to any USB devices while the backup is running!!

1. Run HDDRawCopy1.10Portable.exe
2. Found Raspberry Pi storage select and continue
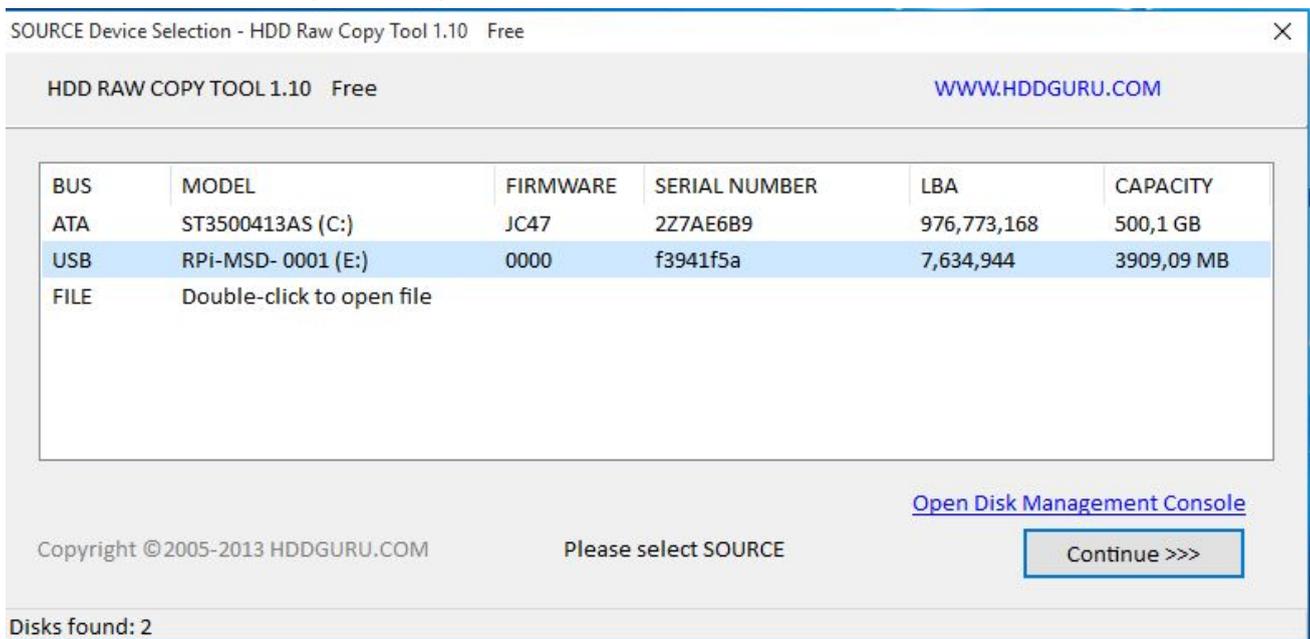
3. Create new image file
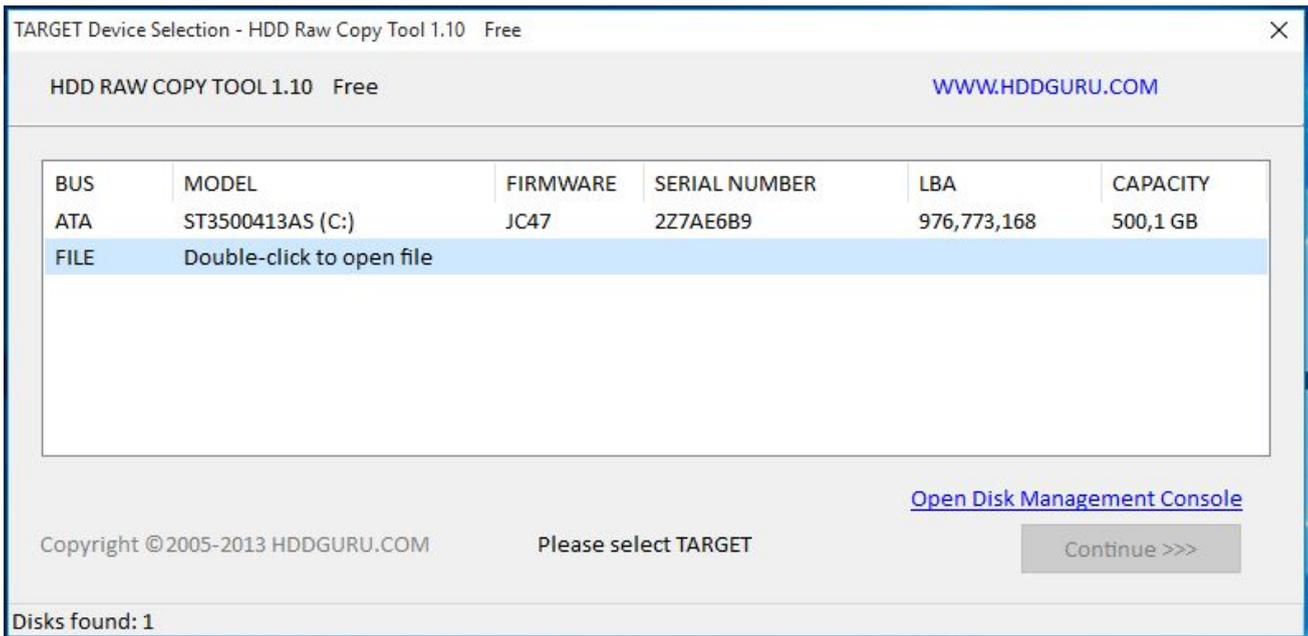
4. Start creating backup

4 Recover from backup

1. Run HDDRawCopy1.10Portable.exe
2. Select backup image file and continue
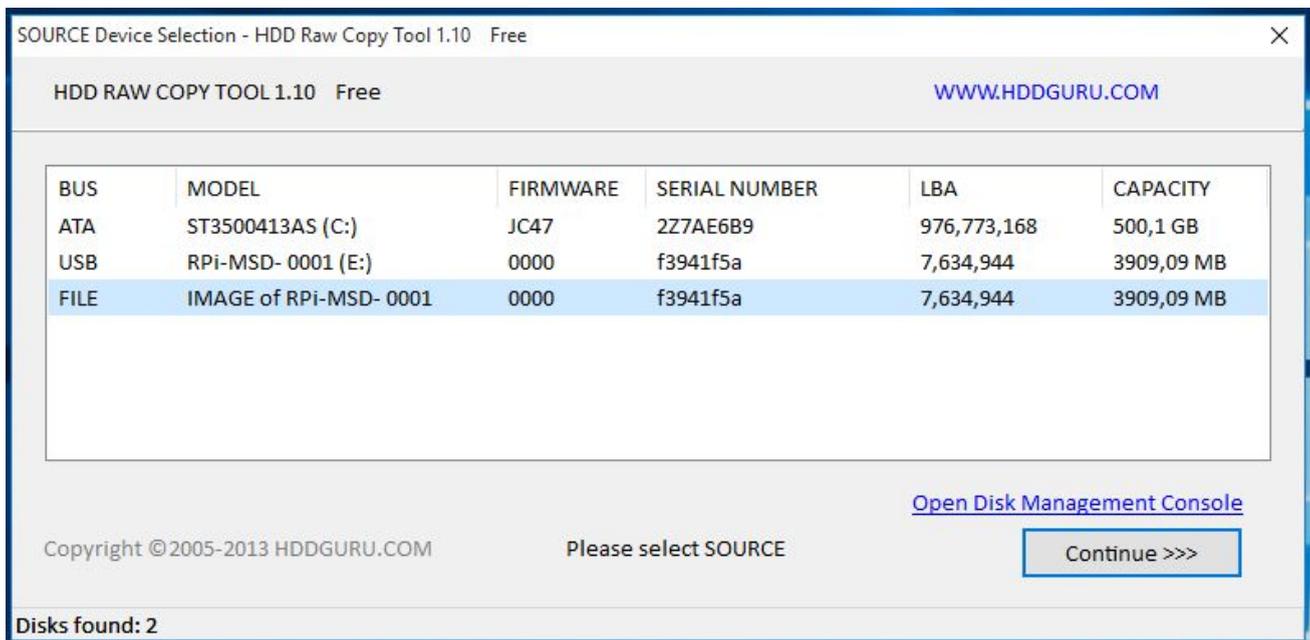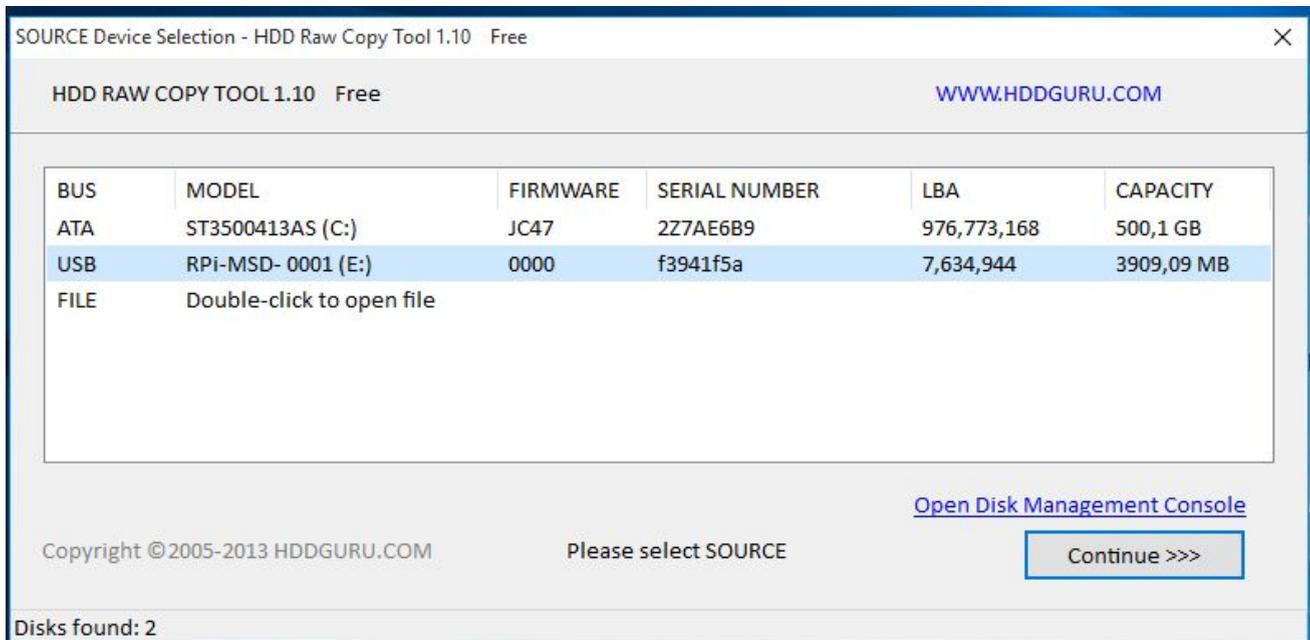
3. Found Raspberry Pi storage select and continue
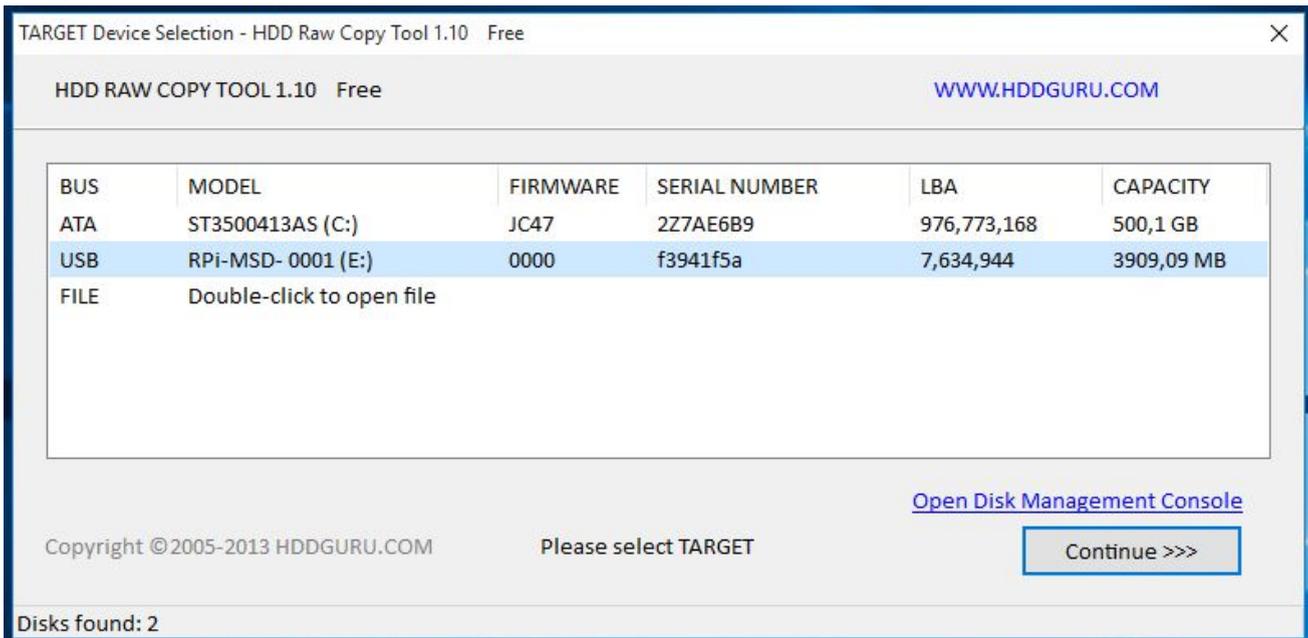
4. Start recovery

5 References

[1] RPi boot
https://www.raspberrypi.org/documentation/hardware/computemodule/cm-emmc-flashing.md
[2] HDD Raw Copy
http://hddguru.com/software/HDD-Raw-Copy-Tool/