

Open Infrastructure - Task #8381

Document on how to setup the APU as a PIB

08/21/2020 05:51 PM - Nico Schottelius

| | |
|-----------------------------------|----------------------------------|
| Status: Closed | Start date: 08/21/2020 |
| Priority: Normal | Due date: |
| Assignee: Nico Schottelius | % Done: 0% |
| Category: | Estimated time: 0.00 hour |
| Target version: | |
| PM Check date: | |

Description

Installation instructions

- Install to an USB stick

```
# Replace XX with the USB stick  
dev=/dev/sdXX  
  
wget http://downloads.openwrt.org/releases/19.07.3/targets/x86/64/openwrt-19.07.3-x86-64-combined-squashfs.img.gz -O - | cat > $dev  
  
sync
```

- Boot OpenWRT from the usb stick on the APU
- Transfer the OS to the SSD:
 - Replace count with the size of the openwrt image (f.i. 19.07.3 is 19.5, use 20)

```
dd if=/dev/sdb of=/dev/sda bs=1M count=20
```

Network ports

- eth0 next to the serial port = wan
- eth1 (middle) = lan
- eth2 (next to power) = lan

See Also

- <https://openwrt.org/toh/pcengines/apu2>

History

#1 - 08/21/2020 06:01 PM - Nico Schottelius

- Description updated

#2 - 08/21/2020 06:09 PM - Nico Schottelius

- Description updated

#3 - 08/26/2020 12:02 PM - Nico Schottelius

- Status changed from In Progress to Closed