

Zyxel NSA310 on PoE

DC input socket has 12V 2.5A specification.

It runs correctly on PoE adapter (unsplitters :). Switch shows only around 13W consumption (in ideal conditions it means 1,08A at 12V)

Sometimes, after few days NSA310 stops responding with:



It was tested under heavy load without any problems, so it is strange. but it can be related also to latest kernel 5.8 update.

As workaround software watchdog was used. I noticed that system is running when issue happens. Only networking connectivity is broken.

```
ping          = 192.168.0.1
interface     = eth0
watchdog-device = /dev/watchdog
```

```
# lsmod
orion_wdt          16384  1

# dmesg | grep wdt
[ 14.045905] orion_wdt: Initial timeout 21 sec
```

Now testing adapter:



Uptime 21days, so issue was related to used PoE injector.

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