

# Hardware-NAT

- available in LEDE [forum](#)
- seems to work with 4.14, Test: <https://github.com/frank-w/BPI-R2-4.14/tree/4.14-hnat> [forum](#)
- no support in 4.4.70 [forum](#)

Current implementation works only between lan and wan (not wifi or other interfaces)

at least you have to setup nat on wan:

```
ipt=/sbin/iptables
if_wan=wan
${ipt} -t nat -F
${ipt} -t nat -A POSTROUTING -o ${if_wan} -j MASQUERADE
```

and load hnat-module:

```
modprobe mtkhnat
```

Check if it is working with

```
#via debugfs (working shows BIND-state)
cat /sys/kernel/debug/hnat/all_entry
#via interrupts (counter does not increase after a while (download))
cat /proc/interrupts | grep 'ethernet'
```

[original-Patch for 4.9 \(lede\)](#)

From:  
<http://www.fw-web.de/dokuwiki/> - **FW-WEB -Wiki**

Permanent link:  
<http://www.fw-web.de/dokuwiki/doku.php?id=en:bpi-r2:hwnat>

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