

LB700 - Bug #876

IP

03/07/2025 11:15 AM -

Status:	Closed	Start date:	03/07/2025
Priority:	High	Due date:	
Assignee:	Linx	% Done:	0%
Category:	Driver	Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
:	LB700	:	Linux Hi3403 4.19.90 #5 SMP Wed Feb 12 14:45:29 CST 2025 aarch64 aarch64 aarch64 GNU/Linux
CPU:	hisi3403	APP:	
:	LBA3403	:	
/:		:	FD7352S
:	01	:	
:	\\192.168.1.250\03-image\hisi3403\imageOS\ubuntu\ss928\ubuntu_V1.3-support-UI-20250304	EMMC:	-
:	Ubuntu		

Description

```
root@Hi3403:~# busybox ifconfig
eth0      Link encap:Ethernet  HWaddr 6A:C7:9B:AD:88:BF
          inet addr:192.168.1.245  Bcast:192.168.1.255  Mask:255.255.255.0
          inet6 addr: fe80::1de9:7cdf:435:c178/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:40 errors:0 dropped:0 overruns:0 frame:0
          TX packets:36 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:7433 (7.2 KiB)  TX bytes:4371 (4.2 KiB)
          Interrupt:36
```

```
root@Hi3403:~# busybox ifconfig
eth0      Link encap:Ethernet  HWaddr 6A:C7:9B:AD:88:BF
          inet addr:192.168.1.245  Bcast:192.168.1.255  Mask:255.255.255.0
          inet6 addr: fe80::d83e:a63e:3108:7f69/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:551 errors:0 dropped:0 overruns:0 frame:0
          TX packets:64 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:119223 (116.4 KiB)  TX bytes:8870 (8.6 KiB)
          Interrupt:36
```

History

#1 - 03/12/2025 03:42 PM - sun

- Assignee changed from sun to Linx

ubuntu:
case1:
gmac_v200 10290000.ethernet: invalid resource
gmac_v200 10290000.ethernet (unnamed net_device) (uninitialized): using random MAC address e2:8b:a4:7c:76:9e
clarify anchor gmac_set_mac_addr:2229: using random MAC address e2:8b:a4:7c:76:9e

```
root@Hi3403:~# busybox ifconfig -a
eth0  Link encap:Ethernet HWaddr 6A:C7:9B:AD:88:BF
inet addr:192.168.0.105 Bcast:192.168.0.255 Mask:255.255.255.0
inet6 addr: fe80::b239:3058:d3cd:f874/64 Scope:Link
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:156 errors:0 dropped:0 overruns:0 frame:0
TX packets:41 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:41573 (40.5 KiB) TX bytes:4872 (4.7 KiB)
Interrupt:36
```

```
case2:
gmac_v200 10290000.ethernet: invalid resource
gmac_v200 10290000.ethernet (unnamed net_device) (uninitialized): using random MAC address d2:ec:ca:88:f8:33
clarify anchor gmac_set_mac_addr:2229: using random MAC address d2:ec:ca:88:f8:33
```

```
root@Hi3403:~# busybox ifconfig -a
eth0  Link encap:Ethernet HWaddr 6A:C7:9B:AD:88:BF
BROADCAST MULTICAST MTU:1500 Metric:1
RX packets:0 errors:0 dropped:0 overruns:0 frame:0
TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:0 (0.0 B) TX bytes:0 (0.0 B)
Interrupt:36
```

```
buildroot:
case1:
gmac_v200 10290000.ethernet: invalid resource
gmac_v200 10290000.ethernet (unnamed net_device) (uninitialized): using random MAC address a6:90:47:f9:39:66
clarify anchor gmac_set_mac_addr:2229: using random MAC address a6:90:47:f9:39:66
```

```
root@HISI3403:/# ifconfig
eth0  Link encap:Ethernet HWaddr A6:90:47:F9:39:66
inet addr:192.168.0.125 Bcast:192.168.0.255 Mask:255.255.255.0
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:130 errors:0 dropped:0 overruns:0 frame:0
TX packets:33 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:21758 (21.2 KiB) TX bytes:3066 (2.9 KiB)
Interrupt:36
```

```
case2:
gmac_v200 10290000.ethernet: invalid resource
gmac_v200 10290000.ethernet (unnamed net_device) (uninitialized): using random MAC address e6:6c:05:d8:ce:1b
clarify anchor gmac_set_mac_addr:2229: using random MAC address e6:6c:05:d8:ce:1b
```

```
root@HISI3403:/# ifconfig
eth0  Link encap:Ethernet HWaddr E6:6C:05:D8:CE:1B
inet addr:192.168.0.126 Bcast:192.168.0.255 Mask:255.255.255.0
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:81 errors:0 dropped:0 overruns:0 frame:0
TX packets:36 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:19038 (18.5 KiB) TX bytes:3336 (3.2 KiB)
Interrupt:36
```

```
1.ubuntukernelrandom mac
2.buildroot eth0 mac idubuntu eth0 mackernel mac id
```

#2 - 04/15/2025 11:22 AM - sun

```
1.
/usr/lib/systemd/network/99-default.link
```

```
- MACAddressPolicy=persistent
+ MACAddressPolicy=random
```

#3 - 04/17/2025 02:30 PM -

- Status changed from New to Closed

```
\\192.168.1.250\03-image\hisi3403\imageOS\ubuntu\ss928\ubuntu_V1.4-support-8G-DDR-UI-20250416

```

Files

clipboard-202503071114-rx4dj.png	19.1 KB	03/07/2025	📄
clipboard-202503071114-devmi.png	19.4 KB	03/07/2025	📄