

Ubuntu_22.04 - Bug #1112

LPB3568 wifi_2.4G AX-20/AX-40 RX/TX

08/05/2025 08:01 PM

Status: New	Start date: 08/05/2025
Priority: Normal	Due date:
Assignee: Linx	% Done: 0%
Category: S.W	Estimated time: 0.00 hour
Target version:	Spent time: 0.00 hour
Model: LP120	Kernel: Linux RK356X 6.1.99 #2 SMP Tue Apr 8 17:43:27 CST 2025 aarch64 aarch64 aarch64 GNU/Linux
CPU: RK3568	APP: -
Board: LPB3568	Flash: 100%
Bootloader: -	Flash ID: FD7352S
Bootloader version: 02	Flash type: YT8521SC
Bootloader path: 02	EMMC: -
Image: LPB3568_ubuntu22.04_20250704_1631.img	EMMC type: BT&&WiFi
OS: Ubuntu	4G/5G/GPS: EC20 4G+GPS 1*4G+1*GPS mini-Pcie

Description
clipboard-202508051859-jhyw2.png

History

#1 - 08/05/2025 08:28 PM

- File clipboard-202508052027-jzt7n.png added
- File clipboard-202508052027-v7brw.png added
- Subject changed from LPB3568 wifi_2.4G TX to LPB3568 wifi_2.4G ax20/ax40 RX/TX

clipboard-202508052027-jzt7n.png
clipboard-202508052027-v7brw.png

#2 - 08/05/2025 08:29 PM

- File deleted (clipboard-202508052027-v7brw.png)

#3 - 08/05/2025 08:29 PM

- File deleted (clipboard-202508052027-jzt7n.png)

#4 - 08/05/2025 08:29 PM

- File deleted (clipboard-202508051859-jhyw2.png)

#5 - 08/05/2025 08:32 PM


- File clipboard-202508052030-dtbvr.png added
- File clipboard-202508052031-nyevl.png added
- File clipboard-202508052032-pgdsi.png added
- Subject changed from LPB3568 wifi_2.4G ax20/ax40 RX/TX to LPB3568 wifi_2.4G AX-20/AX-40 RX/TX

```

root@RK356X:~# iw dev wlan0 link
Connected to ec:da:59:25:cd:eb (on wlan0)
  SSID: Near_QA_Test
  freq: 2437
  RX: 0 bytes (0 packets)
  TX: 0 bytes (0 packets)
  signal: -28 dBm
  rx bitrate: 458.8 MBit/s 40MHz HE-MCS 9 HE-NSS 2 HE-GI 0 HE-DCM 0
  tx bitrate: 413.0 MBit/s 40MHz HE-MCS 8 HE-NSS 2 HE-GI 0 HE-DCM 0

```

2.4G
AX-40



```

root@RK356X:~# lsmod
Module              Size  Used by
skw6316             425984  0
skw_sdio_v20        126976  0
root@RK356X:~# modinfo /system/lib/modules/skw_sdio_v20.ko
filename:           /system/lib/modules/skw_sdio_v20.ko
license:            GPL v2
import_ns:          VFS_internal_I_am_really_a_filesystem_and_am_NOT_a_driver
import_ns:          VFS_internal_I_am_really_a_filesystem_and_am_NOT_a_driver
import_ns:          VFS_internal_I_am_really_a_filesystem_and_am_NOT_a_driver
import_ns:          VFS_internal_I_am_really_a_filesystem_and_am_NOT_a_driver
import_ns:          VFS_internal_I_am_really_a_filesystem_and_am_NOT_a_driver
import_ns:          VFS_internal_I_am_really_a_filesystem_and_am_NOT_a_driver
import_ns:          VFS_internal_I_am_really_a_filesystem_and_am_NOT_a_driver
import_ns:          VFS_internal_I_am_really_a_filesystem_and_am_NOT_a_driver
import_ns:          VFS_internal_I_am_really_a_filesystem_and_am_NOT_a_driver
import_ns:          VFS_internal_I_am_really_a_filesystem_and_am_NOT_a_driver
import_ns:          VFS_internal_I_am_really_a_filesystem_and_am_NOT_a_driver
license:            GPL
import_ns:          VFS_internal_I_am_really_a_filesystem_and_am_NOT_a_driver
import_ns:          VFS_internal_I_am_really_a_filesystem_and_am_NOT_a_driver
import_ns:          VFS_internal_I_am_really_a_filesystem_and_am_NOT_a_driver
import_ns:          VFS_internal_I_am_really_a_filesystem_and_am_NOT_a_driver
depends:
intree:             Y
name:               skw_sdio_v20
vermagic:           6.1.99 SMP mod_unload aarch64
parm:               test_debug:int
parm:               log_path:charp
parm:               skw_log_size:int
parm:               skw_log_num:int
parm:               bind_device:int
root@RK356X:~#


```

```

root@RK356X:~# iw dev wlan0 link
Connected to ec:da:59:25:cd:eb (on wlan0)
  SSID: Near_QA_Test
  freq: 2412
  RX: 0 bytes (0 packets)
  TX: 0 bytes (0 packets)
  signal: -34 dBm
  rx bitrate: 286.7 MBit/s HE-MCS 11 HE-NSS 2 HE-GI 0 HE-DCM 0
  tx bitrate: 137.6 MBit/s HE-MCS 5 HE-NSS 2 HE-GI 0 HE-DCM 0

```

2.4G
AX-20



Files

File Name	Size	Date	Icon
clipboard-202508052030-dtbvr.png	19.7 KB	08/05/2025	📄
clipboard-202508052031-nyevl.png	67.2 KB	08/05/2025	📄
clipboard-202508052032-pgdsl.png	19.8 KB	08/05/2025	📄