

Status:	New	Start date:	08/12/2025
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Driver	Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
:	LP120	:	Linux RK356X 6.1.99 #2 SMP Tue Apr 8 17:43:27 CST 2025 aarch64 aarch64 aarch64 GNU/Linux
CPU:	RK3568	APP :	-
:	LPB3568	:	100%
/ :	05	:	FD7352S
:	04	:	YT8521SC
/ :	04	EMMC :	-
:	LPB3568_ubuntu22.04_20250704_1631.img	:	BT&&WiFi
:	Ubuntu	4G/5G/GPS:	EC20 4G+GPS1*4G+1*GPSmini-Pcie

Description

```
signal: -41 dBm
rx bitrate: 516.0 MBit/s 40MHz HE-MCS 10 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
root@RK356X:~# iw dev wlan0 link
Connected to ec:da:59:25:cd:ec (on wlan0)
SSID: Near_QA_Test_5G
freq: 5745
RX: 0 bytes (0 packets)
TX: 0 bytes (0 packets)
signal: -42 dBm
rx bitrate: 516.0 MBit/s 40MHz HE-MCS 10 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
root@RK356X:~# iw dev wlan0 link
Connected to ec:da:59:25:cd:ec (on wlan0)
SSID: Near_QA_Test_5G
freq: 5745
RX: 0 bytes (0 packets)
TX: 0 bytes (0 packets)
signal: -40 dBm
rx bitrate: 573.5 MBit/s 40MHz HE-MCS 11 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
root@RK356X:~# iperf3 -c 192.168.124.79
Connecting to host 192.168.124.79, port 5201
[ 5] local 192.168.124.78 port 44960 connected to 192.168.124.79 port 5201
[ ID] Interval      Transfer      Bitrate      Retr  Cwnd
[ 5] 0.00-1.00 sec  18.2 MBytes  153 Mbits/sec    0   1.50 MBytes
[ 5] 1.00-2.00 sec  15.0 MBytes  126 Mbits/sec    0   2.26 MBytes
[ 5] 2.00-3.00 sec  17.5 MBytes  147 Mbits/sec    0   2.44 MBytes
[ 5] 3.00-4.00 sec  16.2 MBytes  136 Mbits/sec    0   2.44 MBytes
[ 5] 4.00-5.00 sec  15.0 MBytes  126 Mbits/sec    0   2.58 MBytes
[ 5] 5.00-6.00 sec  16.2 MBytes  136 Mbits/sec    0   2.80 MBytes
[ 5] 6.00-7.00 sec  17.5 MBytes  147 Mbits/sec    0   2.80 MBytes
[ 5] 7.00-8.00 sec  16.2 MBytes  136 Mbits/sec    0   2.80 MBytes
[ 5] 8.00-9.00 sec  11.2 MBytes  94.4 Mbits/sec    0   3.13 MBytes
[ 5] 9.00-10.00 sec 12.5 MBytes  105 Mbits/sec    0   3.13 MBytes
- - - - -
[ ID] Interval      Transfer      Bitrate      Retr  sender receiver
[ 5] 0.00-10.00 sec  156 MBytes  131 Mbits/sec    0
[ 5] 0.00-10.00 sec  154 MBytes  129 Mbits/sec    0
iperf Done.
root@RK356X:~# iw dev wlan0 link
Connected to ec:da:59:25:cd:ec (on wlan0)
SSID: Near_QA_Test_5G
freq: 5745
RX: 0 bytes (0 packets)
TX: 0 bytes (0 packets)
signal: -44 dBm
rx bitrate: 573.5 MBit/s 40MHz HE-MCS 11 HE-NSS 2 HE-GI 0 HE-DCM 0
tx bitrate: 516.0 MBit/s 40MHz HE-MCS 10 HE-NSS 2 HE-GI 0 HE-DCM 0
root@RK356X:~# iw dev wlan0 link
Connected to ec:da:59:25:cd:ec (on wlan0)
SSID: Near_QA_Test_5G
freq: 5745
RX: 0 bytes (0 packets)
TX: 0 bytes (0 packets)
signal: -43 dBm
rx bitrate: 573.5 MBit/s 40MHz HE-MCS 11 HE-NSS 2 HE-GI 0 HE-DCM 0
tx bitrate: 516.0 MBit/s 40MHz HE-MCS 10 HE-NSS 2 HE-GI 0 HE-DCM 0
root@RK356X:~#
```

```
signal: -48 dBm
rx bitrate: 1200.9 Mbit/s 80MHz HE-MCS 11 HE-NSS 2 HE-GI 0 HE-DCM 0
tx bitrate: 720.6 Mbit/s 80MHz HE-MCS 7 HE-NSS 2 HE-GI 0 HE-DCM 0
root@RK356X:~# iw dev wlan0 link
Connected to ec:da:59:25:cd:ec (on wlan0)
SSID: Near_QA_Test_5G
freq: 5745
RX: 0 bytes (0 packets)
TX: 0 bytes (0 packets)
signal: -48 dBm
rx bitrate: 1200.9 Mbit/s 80MHz HE-MCS 11 HE-NSS 2 HE-GI 0 HE-DCM 0
tx bitrate: 720.6 Mbit/s 80MHz HE-MCS 7 HE-NSS 2 HE-GI 0 HE-DCM 0
root@RK356X:~# iw dev wlan0 link
Connected to ec:da:59:25:cd:ec (on wlan0)
SSID: Near_QA_Test_5G
freq: 5745
RX: 0 bytes (0 packets)
TX: 0 bytes (0 packets)
signal: -48 dBm
rx bitrate: 1200.9 Mbit/s 80MHz HE-MCS 11 HE-NSS 2 HE-GI 0 HE-DCM 0
tx bitrate: 720.6 Mbit/s 80MHz HE-MCS 7 HE-NSS 2 HE-GI 0 HE-DCM 0
root@RK356X:~# iperf3 -c 192.168.124.79
Connecting to host 192.168.124.79, port 5201
[ 5] local 192.168.124.78 port 56888 connected to 192.168.124.79 port 5201
[ ID] Interval      Transfer      Bitrate      Retr  Cwnd
[ 5] 0.00-1.00 sec  19.2 MBytes  161 Mbits/sec    0   1.51 MBytes
[ 5] 1.00-2.00 sec  16.2 MBytes  136 Mbits/sec    0   1.74 MBytes
[ 5] 2.00-3.00 sec  16.2 MBytes  136 Mbits/sec    0   1.74 MBytes
[ 5] 3.00-4.00 sec  16.2 MBytes  136 Mbits/sec    0   1.85 MBytes
[ 5] 4.00-5.00 sec  16.2 MBytes  136 Mbits/sec    0   1.96 MBytes
[ 5] 5.00-6.00 sec  16.2 MBytes  136 Mbits/sec    0   1.96 MBytes
[ 5] 6.00-7.00 sec  17.5 MBytes  147 Mbits/sec    0   1.96 MBytes
[ 5] 7.00-8.00 sec  16.2 MBytes  136 Mbits/sec    0   1.96 MBytes
[ 5] 8.00-9.00 sec  16.2 MBytes  136 Mbits/sec    0   1.96 MBytes
[ 5] 9.00-10.00 sec 17.5 MBytes  147 Mbits/sec    0   1.96 MBytes
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[ ID] Interval      Transfer      Bitrate      Retr
[ 5] 0.00-10.00 sec  168 MBytes  141 Mbits/sec    0          sender
[ 5] 0.00-10.00 sec  165 MBytes  139 Mbits/sec                  receiver

iperf Done.
root@RK356X:~# iw dev wlan0 link
Connected to ec:da:59:25:cd:ec (on wlan0)
SSID: Near_QA_Test_5G
freq: 5745
RX: 0 bytes (0 packets)
TX: 0 bytes (0 packets)
signal: -40 dBm
rx bitrate: 1200.9 Mbit/s 80MHz HE-MCS 11 HE-NSS 2 HE-GI 0 HE-DCM 0
tx bitrate: 960.7 Mbit/s 80MHz HE-MCS 9 HE-NSS 2 HE-GI 0 HE-DCM 0
root@RK356X:~# iw dev wlan0 link
Connected to ec:da:59:25:cd:ec (on wlan0)
SSID: Near_QA_Test_5G
freq: 5745
RX: 0 bytes (0 packets)
TX: 0 bytes (0 packets)
signal: -44 dBm
rx bitrate: 1200.9 Mbit/s 80MHz HE-MCS 11 HE-NSS 2 HE-GI 0 HE-DCM 0
tx bitrate: 864.8 Mbit/s 80MHz HE-MCS 8 HE-NSS 2 HE-GI 0 HE-DCM 0
root@RK356X:~# █
```

40M 577.8 Mbps
80M 1155.6 Mbps

Files

clipboard-202508121608-r3agt.png	137 KB	08/12/2025	📄
clipboard-202508121611-cwndm.png	138 KB	08/12/2025	📄
clipboard-202508121634-l2esc.png	1.93 KB	08/12/2025	📄