

LZ210 - Bug #765

CPU GPU NPU

12/26/2024 03:59 PM -

Status:	New	Start date:	12/26/2024
Priority:	High	Due date:	
Assignee:	KuangJie	% Done:	0%
Category:	S.W	Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
OS:	LZ210	OS:	Ubuntu
CPU:	RK3562	Kernel:	v6.1.84
GPU:	LCH3576	APP:	-
GPU/Device:	-	GPU:	100%
GPU/Device:	01	GPU:	N/S
GPU/Device:	01	GPU:	YT8521SC
GPU:	rk3562_lkd210_ubuntu22.04_12_13.img	EMMC:	-

Description

```
root@RK3562:/home/neardi/Desktop/over_night# echo performance | tee $(find /sys/ -name *governor)
tee: /sys/module/cpuidle/parameters/governor: Permission denied
tee: /sys/module/cpufreq/parameters/default_governor: Permission denied
performance
tee: /sys/devices/system/cpu/cpuidle/current_governor: Invalid argument
root@RK3562:/home/neardi/Desktop/over_night# ^C
root@RK3562:/home/neardi/Desktop/over_night# ^C
root@RK3562:/home/neardi/Desktop/over_night# ^C
root@RK3562:/home/neardi/Desktop/over_night# cat /sys/devices/system/cpu/cpu0/cpufreq/scaling_available_frequencies CPU0
408000 600000 816000 1008000 1200000
root@RK3562:/home/neardi/Desktop/over_night# cat /sys/devices/system/cpu/cpu1/cpufreq/scaling_available_frequencies CPU1
408000 600000 816000 1008000 1200000
root@RK3562:/home/neardi/Desktop/over_night# cat /sys/devices/system/cpu/cpu2/cpufreq/scaling_available_frequencies CPU2
408000 600000 816000 1008000 1200000
root@RK3562:/home/neardi/Desktop/over_night# cat /sys/devices/system/cpu/cpu3/cpufreq/scaling_available_frequencies CPU3
408000 600000 816000 1008000 1200000
root@RK3562:/home/neardi/Desktop/over_night# cat /sys/devices/platform/ff320000.gpu/devfreq/ff320000.gpu/available_frequencies GPU
700000000 600000000 500000000 400000000 300000000
root@RK3562:/home/neardi/Desktop/over_night# cat /sys/devices/platform/ff300000.npu/devfreq/ff300000.npu/available_frequencies NPU
300000000 400000000 500000000 600000000 700000000
root@RK3562:/home/neardi/Desktop/over_night#
```

Max frequency for CPU	Frequency	NA	NA	2	GHz
Max frequency for GPU	Frequency	NA	NA	900	MHz
Max frequency for NPU	Frequency	NA	NA	1	GHz

History

#1 - 12/26/2024 03:59 PM -

- changed from v to v6.1.84
- APP set to -
- set to 100%
- set to N/S
- set to YT8521SC

#2 - 12/31/2024 02:12 PM - KuangJie

- File clipboard-202412311411-uqspo.png added

Max frequency for CPU	Frequency	NA	NA	TBD	GHz
Max frequency for GPU	Frequency	NA	NA	TBD	MHz
Max frequency for NPU	Frequency	NA	NA	TBD	MHz

KuangJie wrote in [#note-2](#):

Max frequency for CPU	Frequency	NA	NA	TBD	GHz
Max frequency for GPU	Frequency	NA	NA	TBD	MHz
Max frequency for NPU	Frequency	NA	NA	TBD	MHz

Rockchip RK3562 Datasheet-V1.2-20240428

Files

clipboard-202412261558-fqogi.png	73.3 KB	12/26/2024	
clipboard-202412261558-n97pt.png	18.5 KB	12/26/2024	
clipboard-202412311411-uqspo.png	26.8 KB	12/31/2024	KuangJie