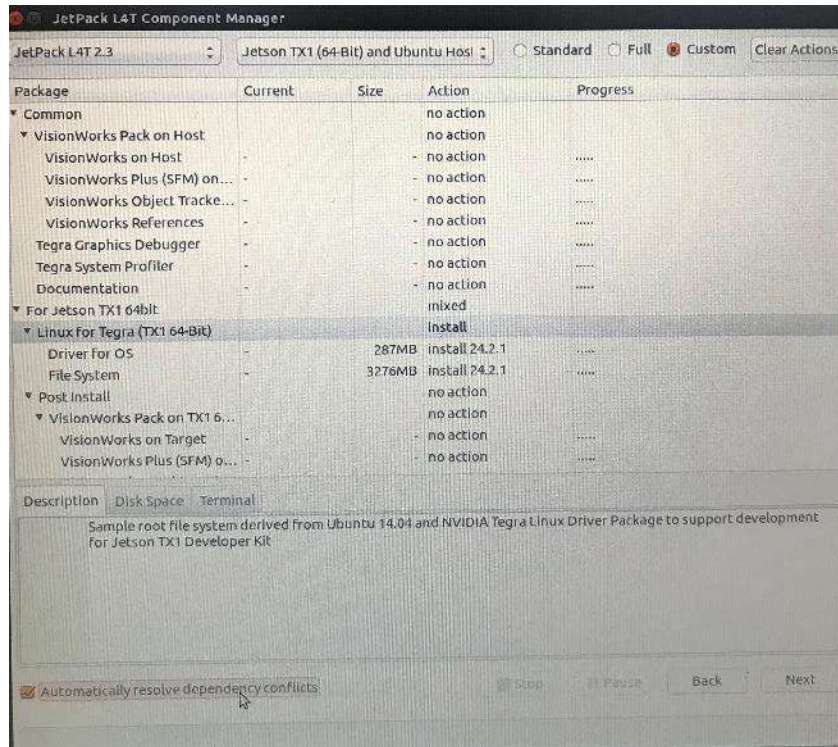
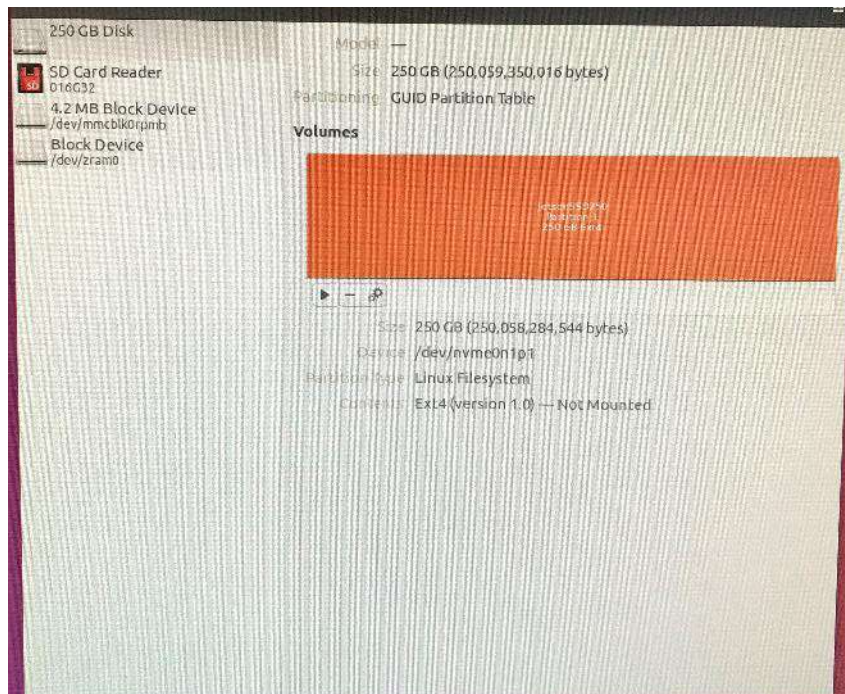
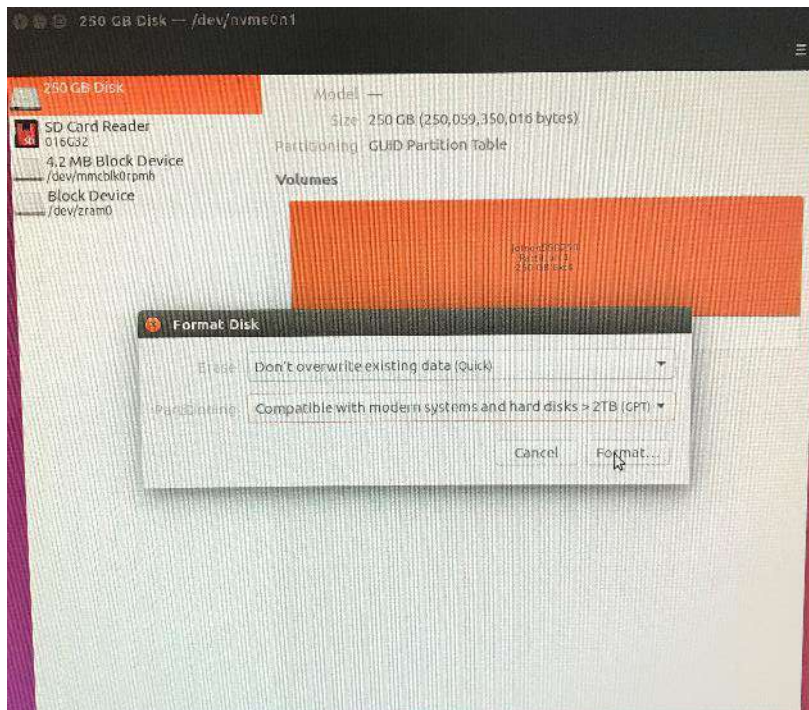
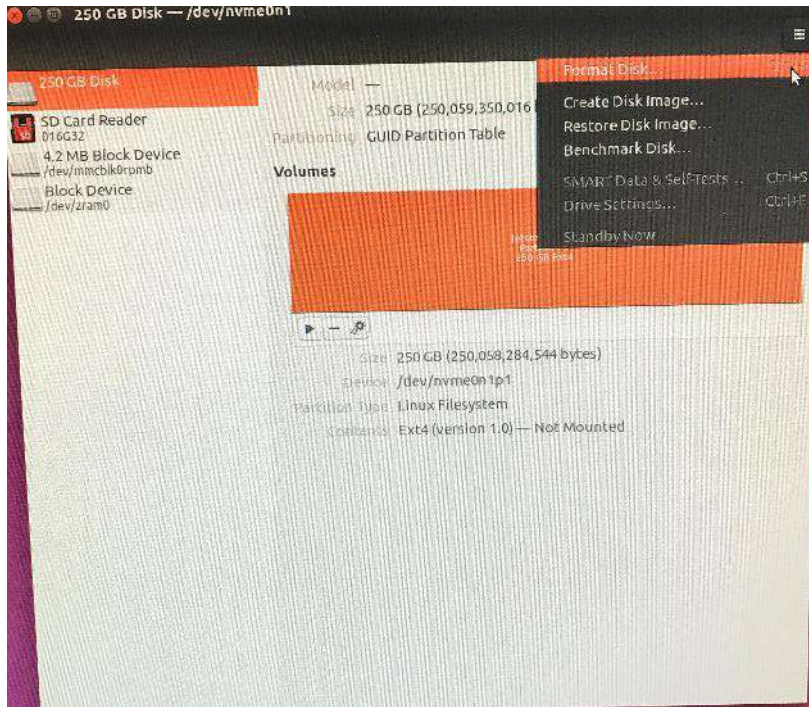


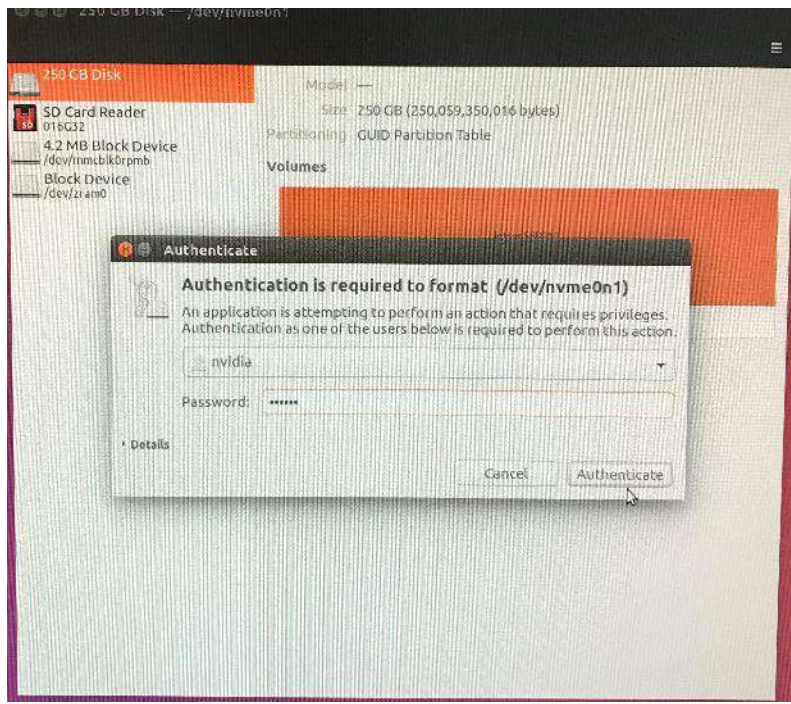
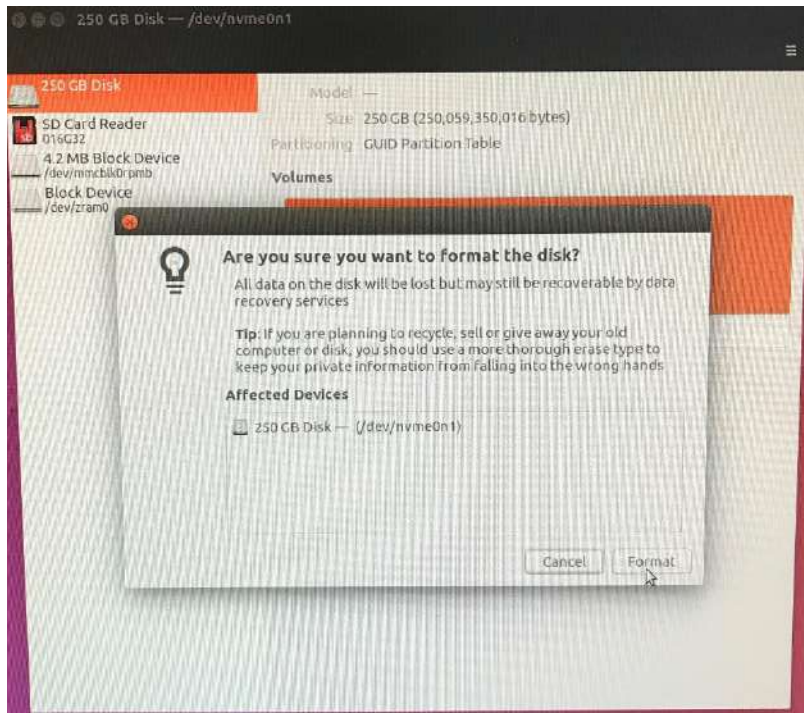
Jetpack 2.3.1

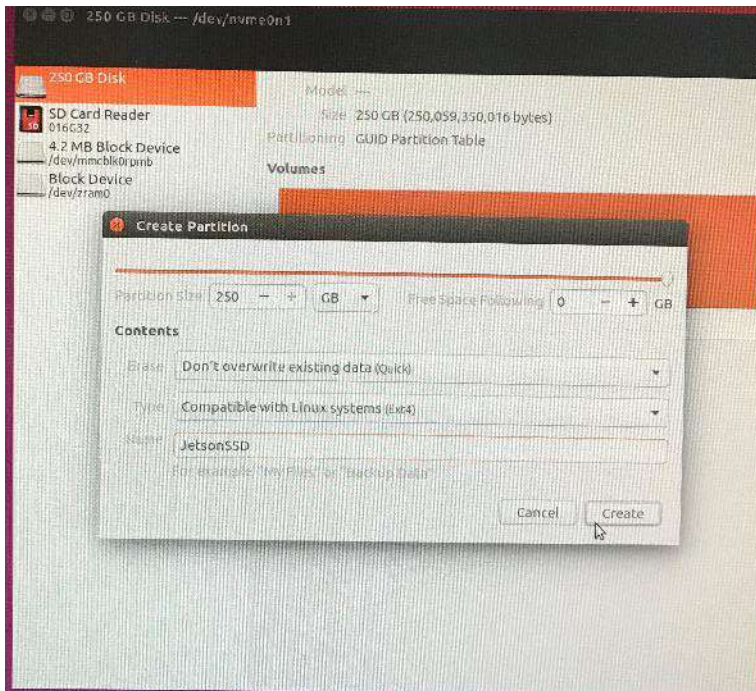
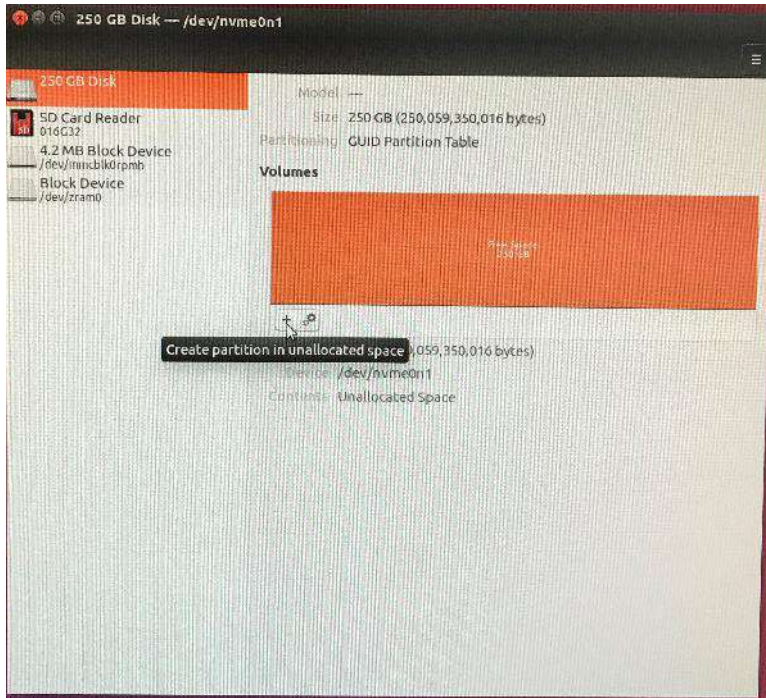


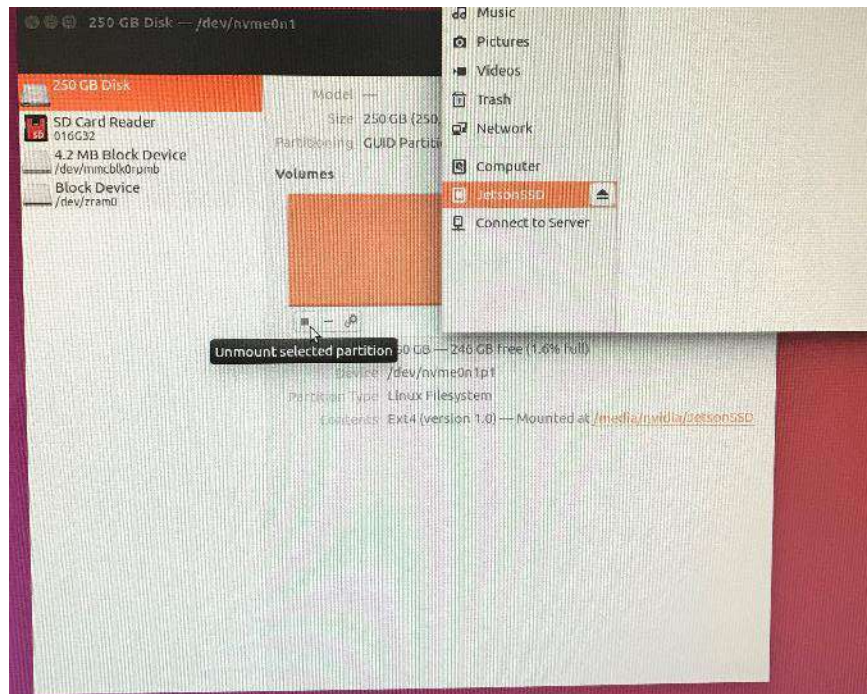
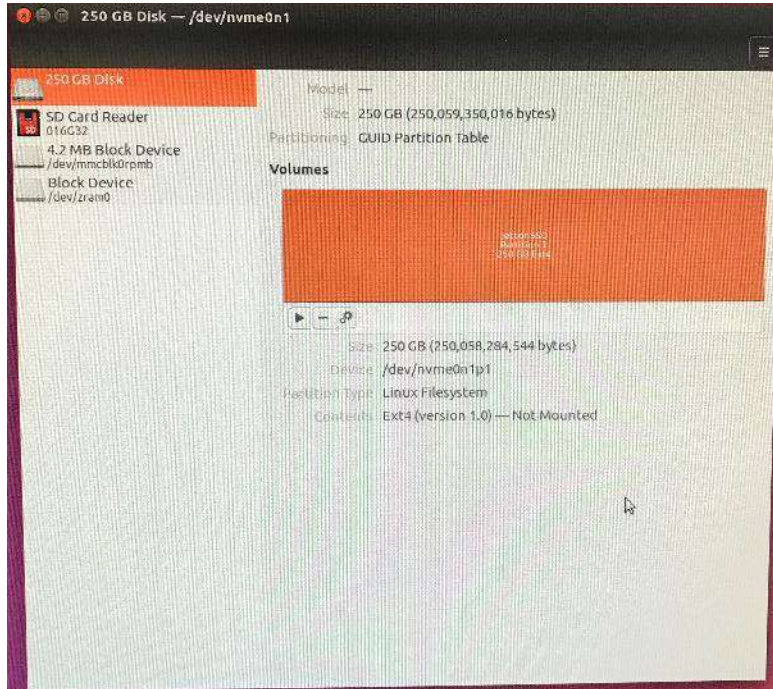
Format SSD:



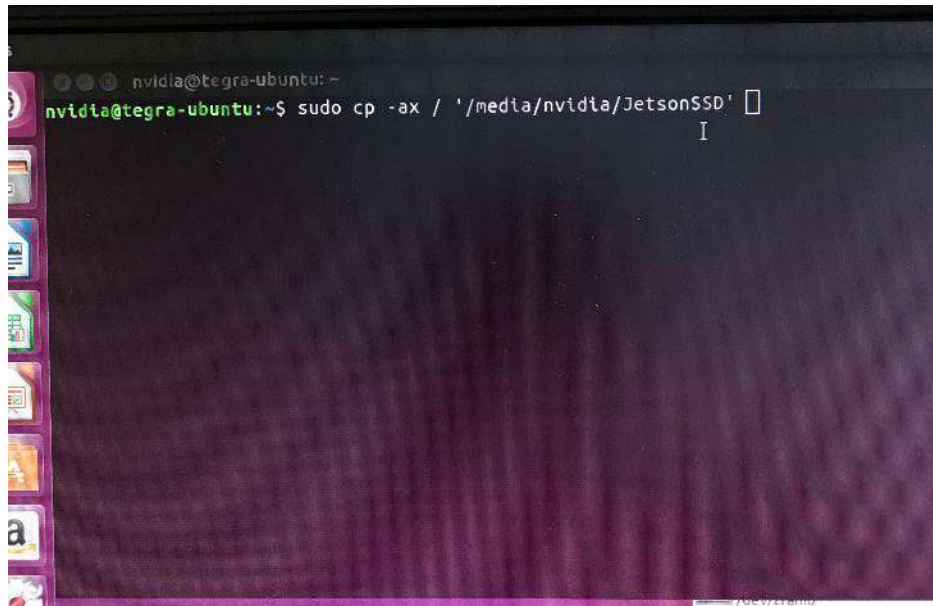






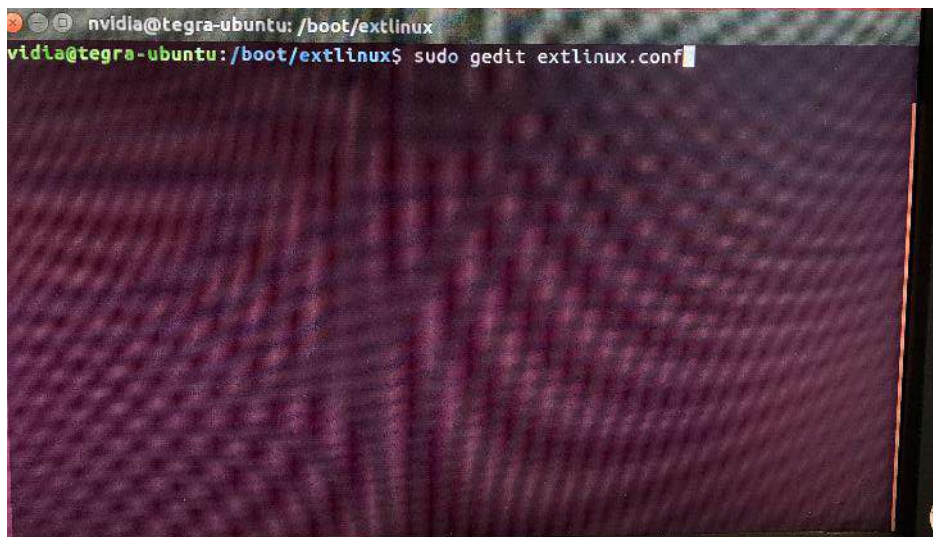


Copying data to SSD:



```
nvidia@tegra-ubuntu: ~  
nvidia@tegra-ubuntu:~$ sudo cp -ax /media/nvidia/JetsonSSD
```

Edit extlinux.conf file



```
nvidia@tegra-ubuntu: /boot/extlinux  
nvidia@tegra-ubuntu: /boot/extlinux$ sudo gedit extlinux.conf
```



```
*extlinux.conf
/boot/extlinux

TIMEOUT 30
DEFAULT primary

MENU TITLE p2371-2180 eMMC boot options

LABEL primary
MENU LABEL SSD
LINUX /boot/Image
INITRD /boot/initrd
FDT /boot/tegra210-jetson-tx1-p2597-2180-a01-devkit.dtb
APPEND fbcon=map:0 console=tty0 console=ttyS0,115200n8 androidboot.modem=none
androidboot.serialno=P2180A00P00940c003fd androidboot.security=non-secure tegraid=21.1.2.0.0
ddr_die=2048M@2048M ddr_die=2048M@4096M section=256M memtype=0 vpr_resize usb_port_owner_info=0
lane_owner_info=0 emc_max_dvfs=0 touch_ld=0@63 video=tegrafb no_console_suspend=1
debug_uartport=lsport,0 earlyprintk=uart8250-32bit,0x70006000 maxcpus=4 usbcore.old_scheme_first=1
lp0_vec=${lp0_vec} nvdumpreserved=${nvdumpreserved} core_edp_nv=1125 core_edp_ma=4000 gpt
android.kerneltype=normal androidboot.touch_vendor_id=0 androidboot.touch_panel_id=63
androidboot.touch_feature=0 androidboot.bootreason=pmc:software_reset,pmc:0x0 net.ifnames=0 root=/
dev/nvme0n1p1 rw rootwait

LABEL secondary
MENU LABEL eMMC
LINUX /boot/Image
INITRD /boot/initrd
FDT /boot/tegra210-jetson-tx1-p2597-2180-a01-devkit.dtb
APPEND fbcon=map:0 console=tty0 console=ttyS0,115200n8 androidboot.modem=none
androidboot.serialno=P2180A00P00940c003fd androidboot.security=non-secure tegraid=21.1.2.0.0
ddr_die=2048M@2048M ddr_die=2048M@4096M section=256M memtype=0 vpr_resize usb_port_owner_info=0
lane_owner_info=0 emc_max_dvfs=0 touch_ld=0@63 video=tegrafb no_console_suspend=1
debug_uartport=lsport,0 earlyprintk=uart8250-32bit,0x70006000 maxcpus=4 usbcore.old_scheme_first=1
lp0_vec=${lp0_vec} nvdumpreserved=${nvdumpreserved} core_edp_nv=1125 core_edp_ma=4000 gpt
android.kerneltype=normal androidboot.touch_vendor_id=0 androidboot.touch_panel_id=63
androidboot.touch_feature=0 androidboot.bootreason=pmc:software_reset,pmc:0x0 net.ifnames=0 root=/
dev/mmcblk0p1 rw rootwait
```

Linux do not start

```
[ 0.437521] platform 7.regulator: Driver reg-fixed-sync-voltage requests probe deferral
[ 0.337711] platform 4.regulator: Driver reg-fixed-sync-voltage requests probe deferral
[ 0.330931] platform c9.regulator: Driver reg-fixed-sync-voltage requests probe deferral
[ 0.330072] platform ca.regulator: Driver reg-fixed-sync-voltage requests probe deferral
[ 0.330271] platform cb.regulator: Driver reg-fixed-sync-voltage requests probe deferral
[ 0.330411] platform cc.regulator: Driver reg-fixed-sync-voltage requests probe deferral
[ 0.330741] reg-fixed-sync-voltage cc.regulator: Consumer c9 does not have device name
[ 0.330977] platform d1.regulator: Driver reg-fixed-sync-voltage requests probe deferral
[ 0.331152] platform d3.regulator: Driver reg-fixed-sync-voltage requests probe deferral
[ 0.470293] vi ui: ui_probe: ++
[ 0.486591] vi ui: Initialized
[ 0.493201] vi ui: Failed to find num of channels, set TPG mode
[ 0.502561] vi ui: Set TPG mode to 2
[ 0.505701] reg-fixed-sync-voltage 5.regulator: Consumer c1 does not have device name
[ 0.510161] [dram-timers] DRAM de-rating cdev registered.
[ 0.510161] Disable partitions left on by BL
[ 0.510186] sata
[ 0.510307] disk
[ 0.510330] Disabling clocks left on by bootloader:
[ 0.510332] audio_dmic
[ 0.510335] audio_dmic
[ 0.510337] audio_dmic
[ 0.510339] audio_2x
[ 0.510341] audio
[ 0.510347] audio4
[ 0.510349] audio3
[ 0.510352] audio2
[ 0.510354] audio1
[ 0.510356] audio0
[ 0.510414] entropy
[ 0.510421] ds12-fixed
[ 0.510423] ds12-fixed
[ 0.510437] sdmmc_ddr
[ 0.510441] sdmmc_ddr
[ 0.510474] ccik_ip
[ 0.511067] tegra_cl_dvfs: 70:10000 dfll-ovr: DT data retrieved successfully
[ 0.511200] tsmc_pmu: tsmc: Init tsmc: cpu zone ID0
[ 0.511306] tegra_cl_dvfs_init_cdev: cpu_cold cooling device registered
[ 0.511367] tegra_cl_dvfs_init_cdev: cpu_hot cooling device registered
[ 0.511624] Tegra CPU DFLL is initialized with use_dfll = 1
[ 0.511794] tegra_dvfs: 0:udc-gpu-rail-ovr connected to regulator
[ 0.511945] tegra_dvfs: 4:udc-core-rail-max7250 connected to regulator
[ 0.512060] tegra_dvfs: 1:udc-gpu-rail-ovr connected to regulator
[ 0.512492] CPU rate: 921 MHz
[ 0.512751] last reset is due to software reset
[ 0.512751]
[ 0.512751] NVDMM: PMC reset status reg: 0x3
[ 0.513250] tegra_actmon.emc: Completed initialization (0)
[ 0.513616] tegra_actmon.scp: Completed initialization (0)
[ 0.672404] tegra_dvfs: tegra_spsa: scp interface is initialized
[ 0.672532] tegra_dvfs: tegra_spsa: gpc & emc interface is initialized
[ 0.673407] Set maximum possible CPU frequency 1734000
[ 0.673411] ALSA device list:
[ 0.673443] #0: HWM H01Dn Tegra at 0x70030000 irq 113
[ 0.673445] #1: tegra-ada-2180-dev-mobile-r1565
[ 0.703512] platform 5.regulator: Driver reg-fixed-sync-voltage requests probe deferral
[ 0.709141] Freeing unused kernel memory: 420K (fffffc00115e000 - fffffc001160000)
[ 0.709320] Freeing alternations memory: 50M (fffffc00115e000 - fffffc001160000)
[ 0.709377] platform 7.regulator: Driver reg-fixed-sync-voltage requests probe deferral
[ 0.800263] platform 4.regulator: Driver reg-fixed-sync-voltage requests probe deferral
[ 0.811793] platform c9.regulator: Driver reg-fixed-sync-voltage requests probe deferral
[ 0.832305] platform ca.regulator: Driver reg-fixed-sync-voltage requests probe deferral
[ 0.846625] platform cb.regulator: Driver reg-fixed-sync-voltage requests probe deferral
[ 0.849165] platform cc.regulator: Driver reg-fixed-sync-voltage requests probe deferral
[ 0.874062] platform cd.regulator: Driver reg-fixed-sync-voltage requests probe deferral
[ 0.885050] reg-fixed-sync-voltage ce.regulator: Consumer c9 does not have device name
[ 0.894993] platform ce.regulator: Driver reg-fixed-sync-voltage requests probe deferral
[ 0.895265] platform d1.regulator: Driver reg-fixed-sync-voltage requests probe deferral
[ 0.905321] platform d3.regulator: Driver reg-fixed-sync-voltage requests probe deferral
[ 0.925746] reg-fixed-sync-voltage 5.regulator: Consumer c1 does not have device name
[ 0.930603] platform 5.regulator: Driver reg-fixed-sync-voltage requests probe deferral
```