nvidia@nvidia:~$ lsusb

Bus 002 Device 002: ID 05e3:0612 Genesys Logic, Inc.

Bus 002 Device 001: ID 1d6b:0003 Linux Foundation 3.0 root hub

Bus 001 Device 006: ID 199e:8302 The Imaging Source Europe GmbH

Bus 001 Device 005: ID 17ef:6099 Lenovo

Bus 001 Device 004: ID 17ef:608d Lenovo

Bus 001 Device 002: ID 05e3:0610 Genesys Logic, Inc. 4-port hub

Bus 001 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub

nvidia@nvidia:~$ dmesg

[ 0.000000] Booting Linux on physical CPU 0x0

[ 0.000000] Linux version 4.9.140-tegra (buildbrain@mobile-u64-2988) (gcc version 7.3.1 20180425 [linaro-7.3-2018.05 revision d29120a424ecfbc167ef90065c0eeb7f91977701] (Linaro GCC 7.3-2018.05) ) #1 SMP PREEMPT Wed Mar 13 00:30:11 PDT 2019

[ 0.000000] Boot CPU: AArch64 Processor [4e0f0040]

[ 0.000000] OF: fdt:memory scan node memory, reg size 48,

[ 0.000000] OF: fdt: - 80000000 , 2b000000

[ 0.000000] OF: fdt: - ab200000 , 3da00000

[ 0.000000] OF: fdt: - 100000000 , 380000000

[ 0.000000] earlycon: tegra\_comb\_uart0 at MMIO32 0x000000000c168000 (options '')

[ 0.000000] bootconsole [tegra\_comb\_uart0] enabled

[ 0.000000] Found tegra\_fbmem: 00800000@a0697000

[ 0.000000] Found lut\_mem: 00002008@a0693000

[ 0.000000] Found vpr, start=0xf0000000 size=8000000

[ 0.000000] OF: fdt:Reserved memory: failed to reserve memory for node 'fb1\_carveout': base 0x0000000000000000, size 0 MiB

[ 0.000000] OF: fdt:Reserved memory: failed to reserve memory for node 'fb1\_carveout': base 0x0000000000000000, size 0 MiB

[ 0.000000] OF: fdt:Reserved memory: failed to reserve memory for node 'fb2\_carveout': base 0x0000000000000000, size 0 MiB

[ 0.000000] OF: fdt:Reserved memory: failed to reserve memory for node 'fb2\_carveout': base 0x0000000000000000, size 0 MiB

[ 0.000000] OF: fdt:Reserved memory: failed to reserve memory for node 'fb3\_carveout': base 0x0000000000000000, size 0 MiB

[ 0.000000] OF: fdt:Reserved memory: failed to reserve memory for node 'fb3\_carveout': base 0x0000000000000000, size 0 MiB

[ 0.000000] OF: reserved mem: initialized node ramoops\_carveout, compatible id nvidia,ramoops

[ 0.000000] OF: reserved mem: initialized node grid-of-semaphores, compatible id nvidia,gosmem

[ 0.000000] cma: Reserved 64 MiB at 0x00000000e4800000

[ 0.000000] On node 0 totalpages: 4095997

[ 0.000000] DMA zone: 6656 pages used for memmap

[ 0.000000] DMA zone: 0 pages reserved

[ 0.000000] DMA zone: 425981 pages, LIFO batch:31

[ 0.000000] Normal zone: 57344 pages used for memmap

[ 0.000000] Normal zone: 3670016 pages, LIFO batch:31

[ 0.000000] psci: probing for conduit method from DT.

[ 0.000000] psci: PSCIv1.0 detected in firmware.

[ 0.000000] psci: Using standard PSCI v0.2 function IDs

[ 0.000000] psci: MIGRATE\_INFO\_TYPE not supported.

[ 0.000000] psci: SMC Calling Convention v1.1

[ 0.000000] percpu: Embedded 23 pages/cpu @ffffffc3ffda5000 s53400 r8192 d32616 u94208

[ 0.000000] pcpu-alloc: s53400 r8192 d32616 u94208 alloc=23\*4096

[ 0.000000] pcpu-alloc: [0] 0 [0] 1 [0] 2 [0] 3 [0] 4 [0] 5 [0] 6 [0] 7

[ 0.000000] Speculative Store Bypass Disable mitigation not required

[ 0.000000] Built 1 zonelists in Zone order, mobility grouping on. Total pages: 4031997

[ 0.000000] Kernel command line: root=/dev/mmcblk0p1 rw rootwait console=ttyTCU0,115200n8 console=tty0 fbcon=map:0 net.ifnames=0 rootfstype=ext4 video=tegrafb no\_console\_suspend=1 earlycon=tegra\_comb\_uart,mmio32,0x0c168000 gpt tegra\_fbmem=0x800000@0xa0697000 lut\_mem=0x2008@0xa0693000 usbcore.old\_scheme\_first=1 tegraid=19.1.2.0.0 maxcpus=8 boot.slot\_suffix= boot.ratchetvalues=0.2.2 vpr=0x8000000@0xf0000000 sdhci\_tegra.en\_boot\_part\_access=1

[ 0.000000] log\_buf\_len individual max cpu contribution: 32768 bytes

[ 0.000000] log\_buf\_len total cpu\_extra contributions: 229376 bytes

[ 0.000000] log\_buf\_len min size: 32768 bytes

[ 0.000000] log\_buf\_len: 262144 bytes

[ 0.000000] early log buf free: 29232(89%)

[ 0.000000] PID hash table entries: 4096 (order: 3, 32768 bytes)

[ 0.000000] Dentry cache hash table entries: 2097152 (order: 12, 16777216 bytes)

[ 0.000000] Inode-cache hash table entries: 1048576 (order: 11, 8388608 bytes)

[ 0.000000] Memory: 15994800K/16383988K available (15166K kernel code, 2914K rwdata, 6616K rodata, 8512K init, 605K bss, 323652K reserved, 65536K cma-reserved)

[ 0.000000] Virtual kernel memory layout:

[ 0.000000] modules : 0xffffff8000000000 - 0xffffff8008000000 ( 128 MB)

[ 0.000000] vmalloc : 0xffffff8008000000 - 0xffffffbebfff0000 ( 250 GB)

[ 0.000000] .text : 0xffffff8008080000 - 0xffffff8008f50000 ( 15168 KB)

[ 0.000000] .rodata : 0xffffff8008f50000 - 0xffffff80095d0000 ( 6656 KB)

[ 0.000000] .init : 0xffffff80095d0000 - 0xffffff8009e20000 ( 8512 KB)

[ 0.000000] .data : 0xffffff8009e20000 - 0xffffff800a0f8808 ( 2915 KB)

[ 0.000000] .bss : 0xffffff800a0f8808 - 0xffffff800a18fe3c ( 606 KB)

[ 0.000000] fixed : 0xffffffbefe7fd000 - 0xffffffbefec00000 ( 4108 KB)

[ 0.000000] PCI I/O : 0xffffffbefee00000 - 0xffffffbeffe00000 ( 16 MB)

[ 0.000000] vmemmap : 0xffffffbf00000000 - 0xffffffc000000000 ( 4 GB maximum)

[ 0.000000] 0xffffffbf00000000 - 0xffffffbf10000000 ( 256 MB actual)

[ 0.000000] memory : 0xffffffc000000000 - 0xffffffc400000000 ( 16384 MB)

[ 0.000000] SLUB: HWalign=64, Order=0-3, MinObjects=0, CPUs=8, Nodes=1

[ 0.000000] Preemptible hierarchical RCU implementation.

[ 0.000000] Build-time adjustment of leaf fanout to 64.

[ 0.000000] RCU restricting CPUs from NR\_CPUS=64 to nr\_cpu\_ids=8.

[ 0.000000] RCU: Adjusting geometry for rcu\_fanout\_leaf=64, nr\_cpu\_ids=8

[ 0.000000] NR\_IRQS:64 nr\_irqs:64 0

[ 0.000000] GIC: Using split EOI/Deactivate mode

[ 0.000000] arm\_arch\_timer: Architected cp15 timer(s) running at 31.25MHz (phys).

[ 0.000000] clocksource: arch\_sys\_counter: mask: 0xffffffffffffff max\_cycles: 0xe6a171046, max\_idle\_ns: 881590405314 ns

[ 0.000033] sched\_clock: 56 bits at 31MHz, resolution 32ns, wraps every 4398046511088ns

[ 0.009007] Console: colour dummy device 80x25

[ 0.012168] console [tty0] enabled

[ 0.015646] bootconsole [tegra\_comb\_uart0] disabled

[ 0.020783] kmemleak: Kernel memory leak detector disabled

[ 0.020852] Calibrating delay loop (skipped), value calculated using timer frequency.. 62.50 BogoMIPS (lpj=125000)

[ 0.020927] pid\_max: default: 32768 minimum: 301

[ 0.022352] Security Framework initialized

[ 0.023141] Mount-cache hash table entries: 32768 (order: 6, 262144 bytes)

[ 0.023221] Mountpoint-cache hash table entries: 32768 (order: 6, 262144 bytes)

[ 0.025616] ftrace: allocating 46802 entries in 183 pages

[ 0.466679] sched-energy: Sched-energy-costs installed from DT

[ 0.466924] ASID allocator initialised with 65536 entries

[ 0.510938] tegra-id: chipid=21917.

[ 0.510977] tegra-id: opt\_subrevision=0.

[ 0.511080] Tegra Revision: A02 SKU: 0xd0 CPU Process: 0 SoC Process: 0

[ 0.511145] DTS File Name: /dvs/git/dirty/git-master\_linux/kernel/kernel-4.9/arch/arm64/boot/dts/../../../../../../hardware/nvidia/platform/t19x/galen/kernel-dts/common/tegra194-p2888-0001-p2822-0000-common.dtsi

[ 0.511262] DTB Build time: Mar 13 2019 00:34:33

[ 0.558855] CPU1: Booted secondary processor [4e0f0040]

[ 0.590881] CPU2: Booted secondary processor [4e0f0040]

[ 0.623255] CPU3: Booted secondary processor [4e0f0040]

[ 0.655368] CPU4: Booted secondary processor [4e0f0040]

[ 0.687706] CPU5: Booted secondary processor [4e0f0040]

[ 0.719876] CPU6: Booted secondary processor [4e0f0040]

[ 0.755959] CPU7: Booted secondary processor [4e0f0040]

[ 0.756926] Brought up 8 CPUs

[ 0.757638] SMP: Total of 8 processors activated.

[ 0.757704] CPU features: detected feature: Privileged Access Never

[ 0.757765] CPU features: detected feature: LSE atomic instructions

[ 0.757825] CPU features: detected feature: User Access Override

[ 0.757883] CPU features: detected feature: 32-bit EL0 Support

[ 0.764159] CPU: All CPU(s) started at EL2

[ 0.764316] alternatives: patching kernel code

[ 0.778943] devtmpfs: initialized

[ 0.863697] Initilizing CustomIPI irq domain

[ 0.864168] clocksource: jiffies: mask: 0xffffffff max\_cycles: 0xffffffff, max\_idle\_ns: 7645041785100000 ns

[ 0.864269] futex hash table entries: 2048 (order: 5, 131072 bytes)

[ 0.866502] pinctrl core: initialized pinctrl subsystem

[ 0.866786] OS set in device tree is not L4T.

[ 0.867247] regulator-dummy: no parameters

[ 0.867604] Initializing plugin-manager

[ 0.867701] Plugin module not found

[ 0.867771] Plugin-manager status disabled

[ 0.869642] NET: Registered protocol family 16

[ 0.871689] pstore: using zlib compression

[ 0.873198] console [pstore-1] enabled

[ 0.873245] pstore: Registered ramoops as persistent store backend

[ 0.873305] ramoops: attached 0x200000@0xe8a00000, ecc: 0/0

[ 0.889210] cpuidle: using governor menu

[ 0.890866] bpmp: waiting for handshake

[ 0.890922] bpmp: handshake completed

[ 0.890992] bpmp: synchronizing channels

[ 0.891041] bpmp: channels synchronized

[ 0.891088] bpmp: mail init ok

[ 0.895745] t19x-arm-smmu 12000000.iommu: found 3 SMMUs and ISO SMMU id is 2

[ 0.896133] t19x-arm-smmu 12000000.iommu: probing hardware configuration...

[ 0.896209] t19x-arm-smmu 12000000.iommu: SMMUv2 with:

[ 0.896268] t19x-arm-smmu 12000000.iommu: stage 1 translation

[ 0.896328] t19x-arm-smmu 12000000.iommu: stage 2 translation

[ 0.896386] t19x-arm-smmu 12000000.iommu: nested translation

[ 0.896447] t19x-arm-smmu 12000000.iommu: stream matching with 128 register groups, mask 0x7f80

[ 0.896542] t19x-arm-smmu 12000000.iommu: SMMU address space size (0x800000) differs from mapped region size (0x1000000)!

[ 0.896669] t19x-arm-smmu 12000000.iommu: 64 context banks (0 stage-2 only)

[ 0.896738] t19x-arm-smmu 12000000.iommu: Stage-1: 39-bit VA -> 48-bit IPA

[ 0.896804] t19x-arm-smmu 12000000.iommu: Stage-2: 39-bit IPA -> 48-bit PA

[ 0.902201] vdso: 2 pages (1 code @ ffffff8008f57000, 1 data @ ffffff8009e24000)

[ 0.902756] hw-breakpoint: found 6 breakpoint and 4 watchpoint registers.

[ 0.907464] atomic\_pool\_init():622: DMA: preallocated 1024 KiB pool for atomic allocations

[ 0.909352] Registering BPMP clocks...

[ 0.909599] tegra\_bpmp\_clk\_init: clock init ok (395 clks)

[ 0.910215] tegra\_bpmp\_of\_clk\_init: EMC proxy not found.

[ 0.910833] tegra\_powergate\_init: DONE

[ 0.911038] DTS File Name: /dvs/git/dirty/git-master\_linux/kernel/kernel-4.9/arch/arm64/boot/dts/../../../../../../hardware/nvidia/platform/t19x/galen/kernel-dts/common/tegra194-p2888-0001-p2822-0000-common.dtsi

[ 0.911241] DTB Build time: Mar 13 2019 00:34:33

[ 0.915760] Tegra reboot handler registered.

[ 0.927831] iommu: Adding device 14180000.pcie to group 0

[ 0.928974] iommu: Adding device 14100000.pcie to group 1

[ 0.930244] iommu: Adding device 14140000.pcie to group 2

[ 0.931439] iommu: Adding device 141a0000.pcie to group 3

[ 0.933906] iommu: Adding device 2490000.ether\_qos to group 4

[ 0.934744] iommu: Adding device 3100000.serial to group 5

[ 0.935589] iommu: Adding device 3110000.serial to group 6

[ 0.936235] iommu: Adding device 3140000.serial to group 7

[ 0.937086] tegra-pmc c360000.pmc: scratch reg offset dts data not present

[ 0.937412] tegra-pmc: get\_secure\_pmc\_setting: done secure\_pmc=0

[ 0.937507] tegra-pmc: ### PMC reset source: TEGRA\_POWER\_ON\_RESET

[ 0.937604] tegra-pmc: ### PMC reset level: TEGRA\_RESET\_LEVEL\_L0

[ 0.937660] tegra-pmc: ### PMC reset status reg: 0x0

[ 0.937765] tegra-pmc: PMC Prod config success

[ 0.938082] padctrl padctrl.0: Pad control driver tegra-pmc-padctrl registered

[ 0.938178] tegra-pmc c360000.pmc: IO padctrl driver initialized

[ 0.938788] iommu: Adding device 3460000.sdhci to group 8

[ 0.939628] iommu: Adding device 3400000.sdhci to group 9

[ 0.940439] iommu: Adding device 2450000.ufshci to group 10

[ 0.941252] iommu: Adding device c260000.spi to group 11

[ 0.942452] iommu: Adding device 3160000.i2c to group 12

[ 0.943059] iommu: Adding device c240000.i2c to group 13

[ 0.943742] iommu: Adding device 3180000.i2c to group 14

[ 0.944350] iommu: Adding device 3190000.i2c to group 15

[ 0.945110] iommu: Adding device 31b0000.i2c to group 16

[ 0.945749] iommu: Adding device 31c0000.i2c to group 17

[ 0.946361] iommu: Adding device c250000.i2c to group 18

[ 0.947010] iommu: Adding device 31e0000.i2c to group 19

[ 0.948164] iommu: Adding device sound to group 20

[ 0.948973] iommu: Adding device 3510000.hda to group 21

[ 0.949823] iommu: Adding device bc00000.rtcpu to group 22

[ 0.953053] iommu: Adding device 13e10000.host1x to group 23

[ 0.953692] iommu: Adding device 13e10000.host1x:ctx0 to group 24

[ 0.954341] iommu: Adding device 13e10000.host1x:ctx1 to group 25

[ 0.954917] iommu: Adding device 13e10000.host1x:ctx2 to group 26

[ 0.955512] iommu: Adding device 13e10000.host1x:ctx3 to group 27

[ 0.956112] iommu: Adding device 13e10000.host1x:ctx4 to group 28

[ 0.956699] iommu: Adding device 13e10000.host1x:ctx5 to group 29

[ 0.957273] iommu: Adding device 13e10000.host1x:ctx6 to group 30

[ 0.957985] iommu: Adding device 13e10000.host1x:ctx7 to group 31

[ 0.958872] iommu: Adding device 15340000.vic to group 32

[ 0.959506] iommu: Adding device 15380000.nvjpg to group 33

[ 0.959954] iommu: Adding device 15500000.tsec to group 34

[ 0.960397] iommu: Adding device 15100000.tsecb to group 35

[ 0.960844] iommu: Adding device 15480000.nvdec to group 36

[ 0.961293] iommu: Adding device 15140000.nvdec1 to group 37

[ 0.961957] iommu: Adding device 154c0000.nvenc to group 38

[ 0.962407] iommu: Adding device 15a80000.nvenc1 to group 39

[ 0.963050] iommu: Adding device 15880000.nvdla0 to group 40

[ 0.963672] iommu: Adding device 158c0000.nvdla1 to group 41

[ 0.964533] iommu: Adding device 15200000.nvdisplay to group 42

[ 0.964984] platform 15200000.nvdisplay: IOVA linear map 0x00000000a0697000(800000)

[ 0.965073] platform 15200000.nvdisplay: IOVA linear map 0x00000000a0693000(3000)

[ 0.966378] platform 15200000.nvdisplay: IOVA linear map 0x00000000f0000000(8000000)

[ 0.966457] t19x-arm-smmu: Adding 15200000.nvdisplay to ISO SMMU client

[ 0.967224] iommu: Adding device 15210000.nvdisplay to group 43

[ 0.967362] t19x-arm-smmu: Adding 15210000.nvdisplay to ISO SMMU client

[ 0.968008] iommu: Adding device 15220000.nvdisplay to group 44

[ 0.968154] t19x-arm-smmu: Adding 15220000.nvdisplay to ISO SMMU client

[ 0.971073] iommu: Adding device 15c10000.vi to group 45

[ 0.971413] t19x-arm-smmu: Adding 15c10000.vi to ISO SMMU client

[ 0.971988] iommu: Adding device 14800000.isp to group 46

[ 0.974037] iommu: Adding device 16000000.pva0 to group 47

[ 0.974925] iommu: Adding device 16800000.pva1 to group 48

[ 0.975546] iommu: Adding device 15810000.se to group 49

[ 0.976167] iommu: Adding device 15820000.se to group 50

[ 0.976634] iommu: Adding device 15830000.se to group 51

[ 0.977076] iommu: Adding device 15840000.se to group 52

[ 0.977539] iommu: Adding device c1a0000.aon to group 53

[ 0.979856] iommu: Adding device d000000.bpmp to group 54

[ 0.980346] bpmp: ping status is 0

[ 0.980542] bpmp d000000.bpmp: firmware tag is 1c1b2165fe52a0a54ad7caf60d40cdc3

[ 0.984504] bpmp d000000.bpmp: probe ok

[ 0.986784] tegra-reset 0.bpmp\_reset: registered 186 resets.

[ 0.987591] iommu: Adding device smmu\_test to group 55

[ 0.989032] mc: mapped MMIO address: 0xffffff800a560000 -> 0x2c10000

[ 0.989126] mc: mapped MMIO address: 0xffffff800a580000 -> 0x2c20000

[ 0.989213] mc: mapped MMIO address: 0xffffff800a5a0000 -> 0x2c30000

[ 0.989295] mc: mapped MMIO address: 0xffffff800a5c0000 -> 0x2c40000

[ 0.989377] mc: mapped MMIO address: 0xffffff800a5e0000 -> 0x2c50000

[ 0.989459] mc: mapped MMIO address: 0xffffff800a7b0000 -> 0x2b80000

[ 0.989540] mc: mapped MMIO address: 0xffffff800a7d0000 -> 0x2b90000

[ 0.989635] mc: mapped MMIO address: 0xffffff800b010000 -> 0x2ba0000

[ 0.989718] mc: mapped MMIO address: 0xffffff800b030000 -> 0x2bb0000

[ 0.989799] mc: mapped MMIO address: 0xffffff800b050000 -> 0x1700000

[ 0.989881] mc: mapped MMIO address: 0xffffff800b070000 -> 0x1710000

[ 0.989961] mc: mapped MMIO address: 0xffffff800b090000 -> 0x1720000

[ 0.990047] mc: mapped MMIO address: 0xffffff800b0b0000 -> 0x1730000

[ 0.990137] mc: mapped MMIO address: 0xffffff800b0d0000 -> 0x1740000

[ 0.990223] mc: mapped MMIO address: 0xffffff800b0f0000 -> 0x1750000

[ 0.990304] mc: mapped MMIO address: 0xffffff800b110000 -> 0x1760000

[ 0.990389] mc: mapped MMIO address: 0xffffff800b130000 -> 0x1770000

[ 0.990544] mc-err: mcerr ops are set to t19x

[ 0.999275] iommu: Adding device 2600000.dma to group 56

[ 1.007097] GPIO line 490 (pcie-reg-enable) hogged as output/high

[ 1.007194] GPIO line 289 (pcie-reg-enable) hogged as output/high

[ 1.007290] GPIO line 339 (wifi-enable) hogged as output/high

[ 1.007913] gpiochip\_setup\_dev: registered GPIOs 288 to 511 on device: gpiochip0 (tegra-gpio)

[ 1.017435] GPIO line 253 (pex-refclk-sel-low) hogged as output/low

[ 1.017943] gpiochip\_setup\_dev: registered GPIOs 248 to 287 on device: gpiochip1 (tegra-gpio-aon)

[ 1.020998] tegra186-aowake c370000.pmc: WAKE\_AOWAKE\_CTRL\_0 = 3

[ 1.021068] tegra186-aowake c370000.pmc: WAKE\_AOWAKE\_CNTRL\_24(PMU\_INT) = 256

[ 1.022229] iommu: Adding device 3550000.xudc to group 57

[ 1.023394] iommu: Adding device 3610000.xhci to group 58

[ 1.026779] arm64\_ras arm64\_ras: probed

[ 1.027416] ras\_fhi\_enable: FHI 477 enabled on CPU0

[ 1.027560] ras\_fhi\_enable: FHI 478 enabled on CPU1

[ 1.027713] ras\_fhi\_enable: FHI 479 enabled on CPU2

[ 1.027864] ras\_fhi\_enable: FHI 480 enabled on CPU3

[ 1.028031] ras\_fhi\_enable: FHI 481 enabled on CPU4

[ 1.028176] ras\_fhi\_enable: FHI 482 enabled on CPU5

[ 1.028267] ras\_fhi\_enable: FHI 483 enabled on CPU6

[ 1.028369] ras\_fhi\_enable: FHI 484 enabled on CPU7

[ 1.028727] carmel\_ras\_enable: RAS enabled on cpu0

[ 1.029097] carmel\_ras\_enable: RAS enabled on cpu1

[ 1.029485] carmel\_ras\_enable: RAS enabled on cpu2

[ 1.029778] carmel\_ras\_enable: RAS enabled on cpu3

[ 1.030124] carmel\_ras\_enable: RAS enabled on cpu4

[ 1.030417] carmel\_ras\_enable: RAS enabled on cpu5

[ 1.030709] carmel\_ras\_enable: RAS enabled on cpu6

[ 1.030984] carmel\_ras\_enable: RAS enabled on cpu7

[ 1.031155] carmel\_ras carmel\_ras: probed

[ 1.032995] tegra-cbb 2300000.cbb-noc: noc\_secure\_irq = 486, noc\_nonsecure\_irq = 485>

[ 1.033819] tegra-cbb c600000.aon-noc: noc\_secure\_irq = 488, noc\_nonsecure\_irq = 487>

[ 1.035049] tegra-cbb d600000.bpmp-noc: noc\_secure\_irq = 490, noc\_nonsecure\_irq = 489>

[ 1.036353] tegra-cbb be00000.rce-noc: noc\_secure\_irq = 492, noc\_nonsecure\_irq = 491>

[ 1.037603] tegra-cbb b600000.sce-noc: noc\_secure\_irq = 494, noc\_nonsecure\_irq = 493>

[ 1.038155] tegra-cbb 14040000.cv-noc: defer probe as CV-NOC not probed yet

[ 1.041382] vdd-3v3-cvb: 3300 mV

[ 1.041840] vdd-1v8-cvb: 1800 mV

[ 1.042368] vdd-1v8-sd: 1800 mV

[ 1.042949] vdd-epb-1v0: supplied by vdd-3v3-cvb

[ 1.043038] vdd-epb-1v0: 1000 mV

[ 1.043535] vdd-sdmmc1-sw: 3300 mV

[ 1.044051] avdd-cam-2v8: 2800 mV

[ 1.044436] vdd-sata-1v5: 1500 mV

[ 1.044864] vdd-1v8-slt: 1800 mV

[ 1.045303] vdd-3v3-slt: 3300 mV

[ 1.045752] vdd-fan: 5000 mV

[ 1.046222] vdd-hdmi-5v0: 5000 mV

[ 1.046711] vdd\_sys\_en: 1200 mV

[ 1.047311] vdd-5v-sata: 5000 mV

[ 1.047807] vdd-ac-bat: 5000 mV

[ 1.048087] vdd-5v-sata: supplied by vdd-ac-bat

[ 1.086440] HugeTLB registered 2 MB page size, pre-allocated 0 pages

[ 1.092277] eventlib\_kernel: keventlib is initialized, test id: 0

[ 1.092762] SCSI subsystem initialized

[ 1.093235] libata version 3.00 loaded.

[ 1.093524] usbcore: registered new interface driver usbfs

[ 1.093661] usbcore: registered new interface driver hub

[ 1.093861] usbcore: registered new device driver usb

[ 1.107971] tegra-i2c 31e0000.i2c: could not find pctldev for node /host1x/dpaux@155F0000/pinmux@0, deferring probe

[ 1.111065] max77620 4-003c: PMIC Version OTP:0x51 and ES:0x1

[ 1.122135] vdd-1v0: at 1000 mV

[ 1.126033] vdd-1v8-hs: at 1800 mV

[ 1.129977] vdd-1v8-ls: at 1800 mV

[ 1.133968] vdd-1v8-ao: at 1800 mV

[ 1.142012] vddio-ddr-1v1: at 1100 mV

[ 1.148195] vdd-rtc: at 800 mV

[ 1.149725] spmic-ldo1: at 2375 mV

[ 1.158605] vdd-ao-3v3: at 3300 mV

[ 1.168341] vddio-emmc-3v3: at 3300 mV

[ 1.170195] spmic-ldo4: at 1587 mV

[ 1.176416] vdd-usb-3v3: at 3300 mV

[ 1.184516] vddio-sdmmc1-3v3: at 3300 mV

[ 1.188537] vdd-csi-1v2: at 1200 mV

[ 1.190272] spmic-ldo8: at 1800 mV

[ 1.192744] GPIO line 246 (gpio\_default) hogged as output/high

[ 1.194309] GPIO line 247 (gpio\_default) hogged as output/high

[ 1.195011] gpiochip\_setup\_dev: registered GPIOs 240 to 247 on device: gpiochip2 (max77620-gpio)

[ 1.198900] max77620 4-003c: max77620 probe successful

[ 1.199677] media: Linux media interface: v0.10

[ 1.199841] Linux video capture interface: v2.00

[ 1.201637] pps\_core: LinuxPPS API ver. 1 registered

[ 1.201708] pps\_core: Software ver. 5.3.6 - Copyright 2005-2007 Rodolfo Giometti <giometti@linux.it>

[ 1.201853] PTP clock support registered

[ 1.202746] tegra\_wdt\_t18x 30c0000.watchdog: Tegra WDT init timeout = 120 sec

[ 1.202854] tegra\_wdt\_t18x 30c0000.watchdog: Registered successfully

[ 1.204530] tegra\_fiq\_debugger\_init: found FIQ source (IRQ 469)

[ 1.206559] Advanced Linux Sound Architecture Driver Initialized.

[ 1.207339] Bluetooth: Core ver 2.22

[ 1.207440] NET: Registered protocol family 31

[ 1.207531] Bluetooth: HCI device and connection manager initialized

[ 1.207613] Bluetooth: HCI socket layer initialized

[ 1.207682] Bluetooth: L2CAP socket layer initialized

[ 1.207783] Bluetooth: SCO socket layer initialized

[ 1.211031] camchar: rtcpu character device driver loaded

[ 1.212828] clocksource: Switched to clocksource arch\_sys\_counter

[ 1.273766] VFS: Disk quotas dquot\_6.6.0

[ 1.273977] VFS: Dquot-cache hash table entries: 512 (order 0, 4096 bytes)

[ 1.274506] nvmap\_heap\_init: nvmap\_heap\_init: created heap block cache

[ 1.276733] tegra-carveouts tegra-carveouts: assigned reserved memory node grid-of-semaphores

[ 1.276941] tegra-carveouts tegra-carveouts: vpr :dma coherent mem declare 0x00000000f0000000,134217728

[ 1.277051] nvmap: nvmap\_select\_cache\_ops() nvmap cache ops set to scf

[ 1.277106] nvmap\_page\_pool\_init: Total RAM pages: 4015084

[ 1.277139] nvmap\_page\_pool\_init: nvmap page pool size: 501885 pages (1960 MB)

[ 1.277440] nvmap\_background\_zero\_thread: PP zeroing thread starting.

[ 1.278271] misc nvmap: created heap vpr base 0x00000000f0000000 size (131072KiB)

[ 1.280340] tegra-gpcdma 2600000.dma: GPC DMA driver register 31 channels

[ 1.297750] thermal thermal\_zone0: Registering thermal zone thermal\_zone0 for type CPU-therm

[ 1.298234] thermal thermal\_zone1: Registering thermal zone thermal\_zone1 for type GPU-therm

[ 1.298654] thermal thermal\_zone2: Registering thermal zone thermal\_zone2 for type AUX-therm

[ 1.299041] thermal thermal\_zone3: Registering thermal zone thermal\_zone3 for type AO-therm

[ 1.299650] thermal thermal\_zone4: Registering thermal zone thermal\_zone4 for type Tdiode\_tegra

[ 1.300112] thermal thermal\_zone5: Registering thermal zone thermal\_zone5 for type PMIC-Die

[ 1.300354] thermal thermal\_zone6: Registering thermal zone thermal\_zone6 for type Tboard\_tegra

[ 1.301935] la/ptsa driver initialized.

[ 1.302438] NET: Registered protocol family 2

[ 1.303542] TCP established hash table entries: 131072 (order: 8, 1048576 bytes)

[ 1.304300] TCP bind hash table entries: 65536 (order: 8, 1048576 bytes)

[ 1.305286] TCP: Hash tables configured (established 131072 bind 65536)

[ 1.305401] UDP hash table entries: 8192 (order: 6, 262144 bytes)

[ 1.305747] UDP-Lite hash table entries: 8192 (order: 6, 262144 bytes)

[ 1.306496] NET: Registered protocol family 1

[ 1.307494] RPC: Registered named UNIX socket transport module.

[ 1.307571] RPC: Registered udp transport module.

[ 1.307658] RPC: Registered tcp transport module.

[ 1.307708] RPC: Registered tcp NFSv4.1 backchannel transport module.

[ 1.307773] PCI: CLS 0 bytes, default 64

[ 1.308088] Trying to unpack rootfs image as initramfs...

[ 1.333002] random: fast init done

[ 1.338731] host1x 13e10000.host1x: initialized

[ 1.342144] hw perfevents: enabled with armv8\_pmuv3 PMU driver, 7 counters available

[ 1.348442] audit: initializing netlink subsys (disabled)

[ 1.348578] audit: type=2000 audit(0.916:1): initialized

[ 1.349894] workingset: timestamp\_bits=46 max\_order=22 bucket\_order=0

[ 1.365266] squashfs: version 4.0 (2009/01/31) Phillip Lougher

[ 1.367284] ntfs: driver 2.1.32 [Flags: R/W].

[ 1.368284] 9p: Installing v9fs 9p2000 file system support

[ 1.376648] Block layer SCSI generic (bsg) driver version 0.4 loaded (major 240)

[ 1.376952] io scheduler noop registered

[ 1.377308] io scheduler cfq registered (default)

[ 1.382125] gic 2a41000.agic-controller: GIC IRQ controller registered

[ 1.423959] iommu: Adding device 2993000.adsp to group 59

[ 1.529845] iommu: Adding device aconnect@2a41000:adsp\_audio to group 60

[ 1.530892] tegra-aconnect aconnect@2a41000: Tegra ACONNECT bus registered

[ 1.547888] tegra-pwm c340000.pwm: PWM clk can sleep in ops

[ 1.548633] tegra-pwm 32c0000.pwm: PWM clk can sleep in ops

[ 1.549282] tegra-pwm 32f0000.pwm: PWM clk can sleep in ops

[ 1.552912] tegra\_camera\_platform tegra-camera-platform: tegra\_camera\_probe:camera\_platform\_driver probe

[ 1.553320] misc tegra\_camera\_ctrl: tegra\_camera\_isomgr\_register tpg\_max\_iso = 3916800KBs

[ 1.553388] misc tegra\_camera\_ctrl: tegra\_camera\_isomgr\_register isp\_iso\_bw=4687500, vi\_iso\_bw=2000000, max\_bw=4687500

[ 1.557726] tsec 15500000.tsec: initialized

[ 1.560196] tsec 15100000.tsecb: initialized

[ 1.566011] nvdec 15480000.nvdec: initialized

[ 1.569738] nvdec 15140000.nvdec1: initialized

[ 1.577201] falcon 15340000.vic: initialized

[ 1.579479] falcon 15380000.nvjpg: initialized

[ 1.581812] falcon 154c0000.nvenc: initialized

[ 1.584532] falcon 15a80000.nvenc1: initialized

[ 1.589405] iommu\_context\_dev 13e10000.host1x:ctx0: initialized (streamid=56)

[ 1.593311] iommu\_context\_dev 13e10000.host1x:ctx1: initialized (streamid=57)

[ 1.596399] iommu\_context\_dev 13e10000.host1x:ctx2: initialized (streamid=58)

[ 1.598768] iommu\_context\_dev 13e10000.host1x:ctx3: initialized (streamid=59)

[ 1.601085] iommu\_context\_dev 13e10000.host1x:ctx4: initialized (streamid=60)

[ 1.603269] iommu\_context\_dev 13e10000.host1x:ctx5: initialized (streamid=61)

[ 1.605532] iommu\_context\_dev 13e10000.host1x:ctx6: initialized (streamid=62)

[ 1.607895] iommu\_context\_dev 13e10000.host1x:ctx7: initialized (streamid=63)

[ 1.612961] t194-nvcsi 15a00000.nvcsi: initialized

[ 1.619602] scare-pigeon 13e10000.host1x:vi-thi@15f00000: initialized

[ 1.620140] scare-pigeon 14b00000.isp-thi: initialized

[ 1.631015] pva 16000000.pva0: initialized

[ 1.663967] pva 16800000.pva1: initialized

[ 1.695769] nvdla 15880000.nvdla0: initialized

[ 1.727226] nvdla 158c0000.nvdla1: initialized

[ 1.731626] tegra-slvs-ec 15ac0000.slvs-ec: initialized

[ 1.731896] tegra-slvs-ec 15ac0000.slvs-ec: no streams defined

[ 1.731945] tegra-slvs-ec 15ac0000.slvs-ec: failed to init SLVS media controller (-19)

[ 1.731999] tegra-slvs-ec 15ac0000.slvs-ec: probed

[ 1.733498] tegradccommon 15200000.dc\_common: host1x channel mapped

[ 1.733566] tegradccommon 15200000.dc\_common: dc\_common syncpt # 1 allocated

[ 1.733669] tegradccommon 15200000.dc\_common: dma mapping done

[ 1.734982] tegradc 15200000.nvdisplay: disp0 connected to head0->/host1x/sor2

[ 1.735203] generic\_infoframe\_type: 0x87

[ 1.735442] tegradc 15200000.nvdisplay: DT parsed successfully

[ 1.735547] tegradc 15200000.nvdisplay: Display dc.ffffff800bd90000 registered with id=0

[ 1.743615] tegra\_nvdisp\_bandwidth\_register\_max\_config: max config iso bw = 15681600 KB/s

[ 1.743700] tegra\_nvdisp\_bandwidth\_register\_max\_config: max config EMC floor = 1066500000 Hz

[ 1.743739] tegra\_nvdisp\_bandwidth\_register\_max\_config: max config hubclk = 358400000 Hz

[ 1.744081] tegradc 15200000.nvdisplay: vblank syncpt # 8 for dc 0

[ 1.744126] tegradc 15200000.nvdisplay: vpulse3 syncpt # 9 for dc 0

[ 1.746101] tegradc 15200000.nvdisplay: Bootloader disp\_param detected. Detected mode: 1920x1080 (on 0x0mm) pclk=148350937

[ 1.746855] tegra-adma 2930000.adma: Tegra210 ADMA driver registered 16 channels

[ 1.748891] tegra-fuse-burn 3820000.efuse:efuse-burn: Fuse burn driver initialized

[ 1.749629] kfuse 3830000.kfuse: initialized

[ 1.750478] tegradc 15200000.nvdisplay: hdmi: invalid prod list prod\_list\_hdmi\_board

[ 1.750547] tegradc 15200000.nvdisplay: hdmi: tegra\_hdmi\_tmds\_range\_read(bd) failed

[ 1.756945] tegradc 15200000.nvdisplay: probed

[ 1.759030] Serial: 8250/16550 driver, 4 ports, IRQ sharing disabled

[ 1.762738] 3100000.serial: ttyTHS0 at MMIO 0x3100000 (irq = 50, base\_baud = 0) is a TEGRA\_UART

[ 1.764335] 3110000.serial: ttyTHS1 at MMIO 0x3110000 (irq = 51, base\_baud = 0) is a TEGRA\_UART

[ 1.765523] 3140000.serial: ttyTHS4 at MMIO 0x3140000 (irq = 52, base\_baud = 0) is a TEGRA\_UART

[ 4.247475] console [ttyTCU0] enabled

[ 4.248064] [drm] Initialized

[ 4.248155] Console: switching to colour frame buffer device 240x67

[ 4.260350] tegradc 15200000.nvdisplay: fb registered

[ 4.265986] gpio tegra-gpio wake71 for gpio=98(M:2)

[ 4.270826] tegra\_nvdisp\_handle\_pd\_enable: Unpowergated Head0 pd

[ 4.275408] brd: module loaded

[ 4.279178] tegra\_nvdisp\_handle\_pd\_enable: Unpowergated Head1 pd

[ 4.283579] loop: module loaded

[ 4.283707] tegra\_profiler: version: 1.132, samples/io: 46/26

[ 4.283855] tegra\_profiler: auth: init

[ 4.284452] nct1008\_nct72 4-004c: starting parse dt

[ 4.284583] nct1008\_nct72 4-004c: !!!Found deprecated property!!!

[ 4.284590] nct1008\_nct72 4-004c: success parsing dt

[ 4.284909] nct1008\_nct72 4-004c: success in enabling tmp451 VDD rail

[ 4.285245] THERMAL EST: found 3 subdevs

[ 4.285250] THERMAL EST num\_resources: 0

[ 4.285253] [THERMAL EST subdev 0]

[ 4.285258] [THERMAL EST subdev 1]

[ 4.285262] [THERMAL EST subdev 2]

[ 4.285742] thermal thermal\_zone7: Registering thermal zone thermal\_zone7 for type thermal-fan-est

[ 4.285745] THERMAL EST: thz register success.

[ 4.285942] THERMAL EST: end of probe, return err: 0

[ 4.287049] ufs\_tegra 2450000.ufshci: freq-table-hz property not specified

[ 4.287060] ufs\_tegra 2450000.ufshci: ufshcd\_populate\_vreg: Unable to find vdd-hba-supply regulator, assuming enabled

[ 4.288534] ufs\_tegra 2450000.ufshci: wakeup init done, cdirq 459

[ 4.288544] gpio tegra-gpio-aon wake25 for gpio=32(EE:0)

[ 4.319999] nct1008\_nct72 4-004c: LOC shutdown limit 107

[ 4.334510] nct1008\_nct72 4-004c: EXT shutdown limit 109

[ 4.396638] nct1008\_nct72 4-004c: initial LOC temp: 23000

[ 4.406291] nct1008\_nct72 4-004c: initial EXT temp: 35000

[ 4.410389] nct1008\_nct72 4-004c: hi\_b:-10, lo\_b:128

[ 4.411696] Parent Clock set for DC plld3

[ 4.417851] nct1008\_nct72 4-004c: nct1008\_probe: initialized

[ 4.418631] scsi host0: ufshcd

[ 4.429761] hisi\_sas: driver version v1.6

[ 4.437223] libphy: Fixed MDIO Bus: probed

[ 4.438134] tun: Universal TUN/TAP device driver, 1.6

[ 4.439139] tun: (C) 1999-2004 Max Krasnyansky <maxk@qualcomm.com>

[ 4.446495] e1000e: Intel(R) PRO/1000 Network Driver - 3.2.6-k

[ 4.451056] e1000e: Copyright(c) 1999 - 2015 Intel Corporation.

[ 4.456929] igb: Intel(R) Gigabit Ethernet Network Driver - version 5.4.0-k

[ 4.463886] igb: Copyright (c) 2007-2014 Intel Corporation.

[ 4.468456] tegradc 15200000.nvdisplay: hdmi: tmds rate:148351K prod-setting:prod\_c\_hdmi\_111m\_223m

[ 4.469251] tegradc 15200000.nvdisplay: hdmi: get RGB quant from REG programmed by BL.

[ 4.469266] tegradc 15200000.nvdisplay: hdmi: get YCC quant from REG programmed by BL.

[ 4.469885] extcon-disp-state external-connection:disp-state: cable 48 state 1

[ 4.469888] Extcon AUX2(HDMI) enable

[ 4.470548] Could not get extcon-dev /host1x/nvdisplay@15210000:typec0(0)

[ 4.471022] Could not get extcon-dev /host1x/nvdisplay@15220000:typec1(1)

[ 4.518838] igbvf: Intel(R) Gigabit Virtual Function Network Driver - version 2.4.0-k

[ 4.526231] igbvf: Copyright (c) 2009 - 2012 Intel Corporation.

[ 4.532291] Intel(R) 10GbE PCI Express Linux Network Driver - version 4.6.4

[ 4.539357] Copyright(c) 1999 - 2017 Intel Corporation.

[ 4.546375] eqos 2490000.ether\_qos: no PHY interrupt found

[ 4.554651] eqos 2490000.ether\_qos: Setting local MAC: 0 4 4b cb 95 b0

[ 4.556244] libphy: dwc\_phy: probed

[ 4.564247] PPP generic driver version 2.4.2

[ 4.564669] PPP BSD Compression module registered

[ 4.568939] PPP Deflate Compression module registered

[ 4.573905] PPP MPPE Compression module registered

[ 4.579128] NET: Registered protocol family 24

[ 4.583439] usbcore: registered new interface driver r8152

[ 4.589186] usbcore: registered new interface driver asix

[ 4.594444] usbcore: registered new interface driver ax88179\_178a

[ 4.600889] usbcore: registered new interface driver cdc\_ether

[ 4.606825] usbcore: registered new interface driver net1080

[ 4.606839] tegradc 15200000.nvdisplay: blank - powerdown

[ 4.606877] usbcore: registered new interface driver cdc\_subset

[ 4.606967] usbcore: registered new interface driver zaurus

[ 4.607020] usbcore: registered new interface driver cdc\_ncm

[ 4.607388] VFIO - User Level meta-driver version: 0.3

[ 4.609161] ehci\_hcd: USB 2.0 'Enhanced' Host Controller (EHCI) Driver

[ 4.609181] ehci-pci: EHCI PCI platform driver

[ 4.609227] ohci\_hcd: USB 1.1 'Open' Host Controller (OHCI) Driver

[ 4.609237] ohci-pci: OHCI PCI platform driver

[ 4.609277] ohci-platform: OHCI generic platform driver

[ 4.618472] tegra-xusb 3610000.xhci: USB2 port 0 has OTG\_CAP

[ 4.618478] tegra-xusb 3610000.xhci: USB3 port 2 has OTG\_CAP

[ 4.621446] Could not get extcon-dev /xhci@3610000:id(0)

[ 4.625073] usbcore: registered new interface driver uas

[ 4.625177] usbcore: registered new interface driver usb-storage

[ 4.625376] usbcore: registered new interface driver usbserial

[ 4.630048] tegra-xudc-new 3550000.xudc: PMQOS CPU boost enabled

[ 4.630117] Could not get extcon-dev /xudc@3550000:vbus(0)

[ 4.633390] ucsi\_ccg 1-0008: FW1 Version: gn v12.05, [Base 3.1.2.1487]

[ 4.633400] ucsi\_ccg 1-0008: FW2 Version: gn v12.05, [Base 3.1.2.1487]

[ 4.634518] ucsi\_ccg 1-0008: fw\_mode: 2

[ 4.634523] ucsi\_ccg 1-0008: fw1\_invalid: 0

[ 4.634528] ucsi\_ccg 1-0008: fw2\_invalid: 0

[ 4.634533] ucsi\_ccg 1-0008: silicon\_id: 0x1f00

[ 4.634752] ucsi\_ccg 1-0008: typec-port0 extcon dev created

[ 4.634929] ucsi\_ccg 1-0008: typec-port1 extcon dev created

[ 4.635079] ucsi\_ccg 1-0008: typec-pd extcon dev created

[ 4.635360] gpio tegra-gpio-aon wake48 for gpio=10(BB:2)

[ 4.636978] ucsi\_ccg 1-0008: dev event code: 0x80, data len: 0

[ 4.638397] ucsi\_ccg 1-0008: CCG reset complete

[ 4.641182] ucsi\_ccg 1-0008: FW1 Version: gn v12.05, [Base 3.1.2.1487]

[ 4.641192] ucsi\_ccg 1-0008: FW2 Version: gn v12.05, [Base 3.1.2.1487]

[ 4.643498] ucsi\_ccg 1-0008: fw\_mode: 2

[ 4.643504] ucsi\_ccg 1-0008: fw1\_invalid: 0

[ 4.643508] ucsi\_ccg 1-0008: fw2\_invalid: 0

[ 4.643514] ucsi\_ccg 1-0008: silicon\_id: 0x1f00

[ 4.643519] ucsi\_ccg 1-0008: Reset Complete.

[ 4.647578] ucsi\_ccg 1-0008: HPI Command Success.

[ 4.651037] ucsi\_ccg 1-0008: HPI Command Success.

[ 4.651059] ucsi\_ccg 1-0008: ucsi\_ccg\_init: complete

[ 4.652096] mousedev: PS/2 mouse device common for all mice

[ 4.652182] extcon-disp-state external-connection:disp-state: cable 48 state 0

[ 4.652216] Extcon AUX2(HDMI) disable

[ 4.652232] usbcore: registered new interface driver xpad

[ 4.679085] tegra\_nvdisp\_handle\_pd\_disable: Powergated Head1 pd

[ 4.680456] tegra\_nvdisp\_handle\_pd\_disable: Powergated Head0 pd

[ 4.711582] tegradc 15200000.nvdisplay: unblank

[ 4.713737] tegra\_nvdisp\_handle\_pd\_enable: Unpowergated Head0 pd

[ 4.714076] tegra\_nvdisp\_handle\_pd\_enable: Unpowergated Head1 pd

[ 4.731436] Parent Clock set for DC plld3

[ 4.736743] tegradc 15200000.nvdisplay: hdmi: tmds rate:138500K prod-setting:prod\_c\_hdmi\_111m\_223m

[ 4.738410] tegradc 15200000.nvdisplay: hdmi: get RGB quant from EDID.

[ 4.738458] tegradc 15200000.nvdisplay: hdmi: get YCC quant from EDID.

[ 4.742573] extcon-disp-state external-connection:disp-state: cable 48 state 1

[ 4.742576] Extcon AUX2(HDMI) enable

[ 4.791623] max77686-rtc max77620-rtc: rtc core: registered max77620-rtc as rtc0

[ 4.793670] Wake73 for irq=42

[ 4.795085] rtc rtc1: alarm rtc device

[ 4.795133] tegra\_rtc c2a0000.rtc: rtc core: registered c2a0000.rtc as rtc1

[ 4.795164] tegra\_rtc c2a0000.rtc: Tegra internal Real Time Clock

[ 4.795363] i2c /dev entries driver

[ 4.799116] max77620-power max20024-power: Event recorder REG\_NVERC : 0x40

[ 4.804703] tegra-bpmp-thermal d000000.bpmp:bpmpthermal: zone 0 not supported

[ 4.805159] tegra-bpmp-thermal d000000.bpmp:bpmpthermal: zone 2 not supported

[ 4.808476] tegra-thermal-throttle bthrot\_cdev: clk:cpu max:2265600000, min:115200000 steps:28

[ 4.863726] tegra-thermal-throttle bthrot\_cdev: clk:gpu max:1377000000, min:114750000 steps:13

[ 4.863803] tegra-thermal-throttle bthrot\_cdev: cdev:skin-balanced clk:0:cpu off:0 slope-adj:200

[ 4.863811] tegra-thermal-throttle bthrot\_cdev: cdev:skin-balanced clk:1:gpu off:0 slope-adj:400

[ 4.864135] tegra-thermal-throttle bthrot\_cdev: cdev:skin-balanced max\_state:56 cutoff:0

[ 4.864224] tegra-thermal-throttle bthrot\_cdev: cdev:gpu-balanced clk:0:cpu off:0 slope-adj:400

[ 4.864232] tegra-thermal-throttle bthrot\_cdev: cdev:gpu-balanced clk:1:gpu off:0 slope-adj:400

[ 4.864715] tegra-thermal-throttle bthrot\_cdev: cdev:gpu-balanced max\_state:52 cutoff:1

[ 4.864899] tegra-thermal-throttle bthrot\_cdev: cdev:cpu-balanced clk:0:cpu off:0 slope-adj:200

[ 4.864907] tegra-thermal-throttle bthrot\_cdev: cdev:cpu-balanced clk:1:gpu off:365500000 slope-adj:300

[ 4.865394] tegra-thermal-throttle bthrot\_cdev: cdev:cpu-balanced max\_state:56 cutoff:0

[ 4.865507] tegra-thermal-throttle bthrot\_cdev: cdev:emergency-balanced clk:0:cpu off:38400000 slope-adj:10

[ 4.865557] tegra-thermal-throttle bthrot\_cdev: cdev:emergency-balanced clk:1:gpu off:25500000 slope-adj:10

[ 4.865993] tegra-thermal-throttle bthrot\_cdev: cdev:emergency-balanced max\_state:2 cutoff:0

[ 4.866064] tegra-thermal-throttle bthrot\_cdev: cdev:aux-balanced clk:0:cpu off:0 slope-adj:400

[ 4.866071] tegra-thermal-throttle bthrot\_cdev: cdev:aux-balanced clk:1:gpu off:0 slope-adj:400

[ 4.866471] tegra-thermal-throttle bthrot\_cdev: cdev:aux-balanced max\_state:52 cutoff:1

[ 4.867360] FAN dev name: pwm-fan

[ 4.867469] FAN:gpio request success.

[ 4.867477] FAN: can't find tach\_gpio

[ 4.867514] pwm\_fan\_driver pwm-fan: cap state:7, cap pwm:255

[ 4.867877] pwm\_fan\_driver pwm-fan: got pwm for fan. polarity is normal

[ 4.867883] pwm\_fan\_driver pwm-fan: tach period: 1000

[ 4.868272] pwm\_fan\_driver pwm-fan: index 0: pwm=0, rpm=0, rru=40, rrd=40, state:2

[ 4.868279] pwm\_fan\_driver pwm-fan: index 1: pwm=77, rpm=1000, rru=2, rrd=2, state:2

[ 4.868285] pwm\_fan\_driver pwm-fan: index 2: pwm=120, rpm=2000, rru=1, rrd=1, state:2

[ 4.868291] pwm\_fan\_driver pwm-fan: index 3: pwm=160, rpm=3000, rru=1, rrd=1, state:2

[ 4.868297] pwm\_fan\_driver pwm-fan: index 4: pwm=255, rpm=4000, rru=1, rrd=1, state:3

[ 4.868303] pwm\_fan\_driver pwm-fan: index 5: pwm=255, rpm=5000, rru=1, rrd=1, state:3

[ 4.868308] pwm\_fan\_driver pwm-fan: index 6: pwm=255, rpm=6000, rru=1, rrd=1, state:3

[ 4.868346] pwm\_fan\_driver pwm-fan: index 7: pwm=255, rpm=7000, rru=1, rrd=1, state:4

[ 4.868353] pwm\_fan\_driver pwm-fan: index 8: pwm=255, rpm=10000, rru=1, rrd=1, state:4

[ 4.868360] pwm\_fan\_driver pwm-fan: index 9: pwm=255, rpm=11000, rru=1, rrd=1, state:4

[ 4.869664] device-mapper: uevent: version 1.0.3

[ 4.870423] device-mapper: ioctl: 4.35.0-ioctl (2016-06-23) initialised: dm-devel@redhat.com

[ 4.874425] tegra194\_cpufreq\_probe: platform driver Initialization: pass

[ 4.876264] cpuidle: Initializing cpuidle driver

[ 4.877403] sdhci: Secure Digital Host Controller Interface driver

[ 4.877404] sdhci: Copyright(c) Pierre Ossman

[ 4.877405] sdhci-pltfm: SDHCI platform and OF driver helper

[ 4.878920] sdhci-tegra 3460000.sdhci: Client registration for eMC Successful

[ 4.881044] CMDQ: cmdq\_platfm\_init successful

[ 4.881483] sdhci-tegra 3400000.sdhci: Got CD GPIO

[ 4.882919] sdhci-tegra 3400000.sdhci: Client registration for eMC Successful

[ 4.884403] sdhci-tegra 3400000.sdhci: wakeup init done, cdirq 254

[ 4.888559] tegra-se-elp 3ad0000.se\_elp: tegra\_se\_elp\_probe: complete

[ 4.890209] tegra-se-nvhost 15810000.se: initialized

[ 4.891556] tegra-se-nvhost 15810000.se: tegra\_se\_probe: complete

[ 4.892350] tegra-se-nvhost 15820000.se: initialized

[ 4.893367] tegra-se-nvhost 15820000.se: tegra\_se\_probe: complete

[ 4.894142] tegra-se-nvhost 15830000.se: initialized

[ 4.894750] tegra-se-nvhost 15830000.se: tegra\_se\_probe: complete

[ 4.895468] tegra-se-nvhost 15840000.se: initialized

[ 4.896273] tegra-se-nvhost 15840000.se: tegra\_se\_probe: complete

[ 4.896493] hidraw: raw HID events driver (C) Jiri Kosina

[ 4.897712] usbcore: registered new interface driver usbhid

[ 4.897713] usbhid: USB HID core driver

[ 4.903001] tegra186-cam-rtcpu bc00000.rtcpu: deferring, 14800000.isp is not probed

[ 4.904009] tegra\_aon c1a0000.aon: tegra aon driver probe OK

[ 4.904411] tegra186-aondbg aondbg: aondbg driver probe() OK

[ 4.904965] denver\_knobs\_init:MTS\_VERSION:44201972

[ 4.905169] tegra19x\_actmon d230000.actmon: in actmon\_register()...

[ 4.905857] tegra19x\_actmon d230000.actmon: initialization Completed for the device mc\_all

[ 4.906223] t19x\_cache tegra-cache: probed

[ 4.912555] misc nvmap: cvsram :dma coherent mem declare 0x0000000050000000,4194304

[ 4.912564] misc nvmap: created heap cvsram base 0x0000000050000000 size (4096KiB)

[ 4.914929] nvpmodel: initialized successfully

[ 4.915969] tegra-hda 3510000.hda: Override SDO lines to 4

[ 4.916147] usbcore: registered new interface driver snd-usb-audio

[ 4.924844] mmc0: SDHCI controller on 3460000.sdhci [3460000.sdhci] using ADMA 64-bit with 64 bit addr

[ 4.928983] gpio tegra-gpio wake8 for gpio=55(G:7)

[ 4.929042] mmc1: SDHCI controller on 3400000.sdhci [3400000.sdhci] using ADMA 64-bit with 64 bit addr

[ 4.935488] input: tegra-hda-galen-t194 HDMI/DP,pcm=3 as /devices/3510000.hda/sound/card0/input0

[ 4.935667] input: tegra-hda-galen-t194 HDMI/DP,pcm=7 as /devices/3510000.hda/sound/card0/input1

[ 4.935845] input: tegra-hda-galen-t194 HDMI/DP,pcm=8 as /devices/3510000.hda/sound/card0/input2

[ 4.936048] input: tegra-hda-galen-t194 HDMI/DP,pcm=9 as /devices/3510000.hda/sound/card0/input3

[ 5.006665] mmc0: mmc\_decode\_ext\_csd: CMDQ supported: depth: 31, cmdq\_support: 1

[ 5.019156] mmc0: periodic cache flush enabled

[ 5.019187] mmc0: new HS400 Enhanced strobe MMC card at address 0001

[ 5.019706] mmcblk0: mmc0:0001 HBG4a2 29.1 GiB

[ 5.019987] mmcblk0boot0: mmc0:0001 HBG4a2 partition 1 8.00 MiB

[ 5.020180] mmcblk0boot1: mmc0:0001 HBG4a2 partition 2 8.00 MiB

[ 5.020339] mmcblk0rpmb: mmc0:0001 HBG4a2 partition 3 4.00 MiB

[ 5.023232] mmcblk0: p1 p2 p3 p4 p5 p6 p7 p8 p9 p10 p11 p12 p13 p14 p15 p16 p17 p18 p19 p20 p21 p22 p23 p24 p25 p26 p27 p28 p29 p30 p31 p32 p33 p34 p35 p36 p37

[ 6.969267] gpio tegra-gpio wake12 for gpio=149(S:5)

[ 7.605507] extcon-disp-state external-connection:disp-state: cable 40 state 1

[ 7.612944] Extcon HDMI: HPD enabled

[ 7.616676] tegradc 15200000.nvdisplay: hdmi: plugged

[ 7.696489] OPE platform probe

[ 7.697958] OPE platform probe successful

[ 7.833727] tegra-asoc: sound: ADMAIF1 <-> ADMAIF1 mapping ok

[ 7.835216] tegra-asoc: sound: ADMAIF2 <-> ADMAIF2 mapping ok

[ 7.836614] tegra-asoc: sound: ADMAIF3 <-> ADMAIF3 mapping ok

[ 7.838018] tegra-asoc: sound: ADMAIF4 <-> ADMAIF4 mapping ok

[ 7.839396] tegra-asoc: sound: ADMAIF5 <-> ADMAIF5 mapping ok

[ 7.840750] tegra-asoc: sound: ADMAIF6 <-> ADMAIF6 mapping ok

[ 7.842658] tegra-asoc: sound: ADMAIF7 <-> ADMAIF7 mapping ok

[ 7.844642] tegra-asoc: sound: ADMAIF8 <-> ADMAIF8 mapping ok

[ 7.846017] tegra-asoc: sound: ADMAIF9 <-> ADMAIF9 mapping ok

[ 7.847358] tegra-asoc: sound: ADMAIF10 <-> ADMAIF10 mapping ok

[ 7.848669] tegra-asoc: sound: ADMAIF11 <-> ADMAIF11 mapping ok

[ 7.849989] tegra-asoc: sound: ADMAIF12 <-> ADMAIF12 mapping ok

[ 7.851296] tegra-asoc: sound: ADMAIF13 <-> ADMAIF13 mapping ok

[ 7.852581] tegra-asoc: sound: ADMAIF14 <-> ADMAIF14 mapping ok

[ 7.853850] tegra-asoc: sound: ADMAIF15 <-> ADMAIF15 mapping ok

[ 7.855106] tegra-asoc: sound: ADMAIF16 <-> ADMAIF16 mapping ok

[ 7.856337] tegra-asoc: sound: ADMAIF17 <-> ADMAIF17 mapping ok

[ 7.857572] tegra-asoc: sound: ADMAIF18 <-> ADMAIF18 mapping ok

[ 7.858839] tegra-asoc: sound: ADMAIF19 <-> ADMAIF19 mapping ok

[ 7.860038] tegra-asoc: sound: ADMAIF20 <-> ADMAIF20 mapping ok

[ 7.899982] input: tegra-snd-t19x-mobile-rt565x Headset Jack as /devices/sound/sound/card1/input4

[ 7.902476] u32 classifier

[ 7.903551] Actions configured

[ 7.904697] Initializing XFRM netlink socket

[ 7.906349] NET: Registered protocol family 10

[ 7.908210] NET: Registered protocol family 17

[ 7.909313] NET: Registered protocol family 15

[ 7.910467] bridge: filtering via arp/ip/ip6tables is no longer available by default. Update your scripts to load br\_netfilter if you need this.

[ 7.911869] Bluetooth: RFCOMM socket layer initialized

[ 7.913038] Bluetooth: RFCOMM ver 1.11

[ 7.915793] Bluetooth: HIDP (Human Interface Emulation) ver 1.2

[ 7.921783] Bluetooth: HIDP socket layer initialized

[ 7.926754] 9pnet: Installing 9P2000 support

[ 7.931169] Key type dns\_resolver registered

[ 7.935813] Registered cp15\_barrier emulation handler

[ 7.940667] Registered setend emulation handler

[ 7.946844] registered taskstats version 1

[ 7.949698] tegra-pcie-dw 14180000.pcie: Setting init speed to max speed

[ 7.957294] OF: PCI: host bridge /pcie@14180000 ranges:

[ 7.961528] OF: PCI: IO 0x38100000..0x381fffff -> 0x38100000

[ 7.967536] OF: PCI: MEM 0x38200000..0x39ffffff -> 0x38200000

[ 7.973488] OF: PCI: MEM 0x1800000000..0x1bffffffff -> 0x1800000000

[ 8.088851] tegra-pcie-dw 14180000.pcie: link is up

[ 8.090203] tegra-pcie-dw 14180000.pcie: PCI host bridge to bus 0000:00

[ 8.091323] pci\_bus 0000:00: root bus resource [bus 00-ff]

[ 8.092404] pci\_bus 0000:00: root bus resource [io 0x0000-0xfffff] (bus address [0x38100000-0x381fffff])

[ 8.093573] pci\_bus 0000:00: root bus resource [mem 0x38200000-0x39ffffff]

[ 8.094677] pci\_bus 0000:00: root bus resource [mem 0x1800000000-0x1bffffffff pref]

[ 8.095779] pci 0000:00:00.0: [10de:1ad0] type 01 class 0x060400

[ 8.095914] pci 0000:00:00.0: PME# supported from D0 D3hot D3cold

[ 8.096158] iommu: Adding device 0000:00:00.0 to group 61

[ 8.097483] pci 0000:01:00.0: [8086:f1a6] type 00 class 0x010802

[ 8.097604] pci 0000:01:00.0: reg 0x10: [mem 0x00000000-0x00003fff 64bit]

[ 8.098540] iommu: Adding device 0000:01:00.0 to group 62

[ 8.110043] pci 0000:00:00.0: BAR 14: assigned [mem 0x38200000-0x382fffff]

[ 8.111160] pci 0000:01:00.0: BAR 0: assigned [mem 0x38200000-0x38203fff 64bit]

[ 8.112310] pci 0000:00:00.0: PCI bridge to [bus 01-ff]

[ 8.113401] pci 0000:00:00.0: bridge window [mem 0x38200000-0x382fffff]

[ 8.114488] pci 0000:00:00.0: Max Payload Size set to 128/ 256 (was 256), Max Read Rq 512

[ 8.115635] pci 0000:01:00.0: Max Payload Size set to 128/ 128 (was 128), Max Read Rq 512

[ 8.117027] pcieport 0000:00:00.0: Signaling PME through PCIe PME interrupt

[ 8.118100] pci 0000:01:00.0: Signaling PME through PCIe PME interrupt

[ 8.119185] pcie\_pme 0000:00:00.0:pcie001: service driver pcie\_pme loaded

[ 8.119287] aer 0000:00:00.0:pcie002: service driver aer loaded

[ 8.119730] nvme nvme0: pci function 0000:01:00.0

[ 8.120855] nvme 0000:01:00.0: enabling device (0000 -> 0002)

[ 8.121051] tegra-pcie-dw 14100000.pcie: Setting init speed to max speed

[ 8.121801] OF: PCI: host bridge /pcie@14100000 ranges:

[ 8.121830] OF: PCI: IO 0x30100000..0x301fffff -> 0x30100000

[ 8.121836] OF: PCI: MEM 0x30200000..0x31ffffff -> 0x30200000

[ 8.121841] OF: PCI: MEM 0x1200000000..0x123fffffff -> 0x1200000000

[ 8.228852] tegra-pcie-dw 14100000.pcie: link is up

[ 8.230076] tegra-pcie-dw 14100000.pcie: PCI host bridge to bus 0001:00

[ 8.231135] pci\_bus 0001:00: root bus resource [bus 00-ff]

[ 8.232147] pci\_bus 0001:00: root bus resource [io 0x100000-0x1fffff] (bus address [0x30100000-0x301fffff])

[ 8.233299] pci\_bus 0001:00: root bus resource [mem 0x30200000-0x31ffffff]

[ 8.234387] pci\_bus 0001:00: root bus resource [mem 0x1200000000-0x123fffffff pref]

[ 8.235536] pci 0001:00:00.0: [10de:1ad2] type 01 class 0x060400

[ 8.235669] pci 0001:00:00.0: PME# supported from D0 D3hot D3cold

[ 8.235855] iommu: Adding device 0001:00:00.0 to group 63

[ 8.237272] pci 0001:01:00.0: [1b4b:9171] type 00 class 0x010601

[ 8.237379] pci 0001:01:00.0: reg 0x10: [io 0x8000-0x8007]

[ 8.237463] pci 0001:01:00.0: reg 0x14: [io 0x8040-0x8043]

[ 8.237523] pci 0001:01:00.0: reg 0x18: [io 0x8100-0x8107]

[ 8.237583] pci 0001:01:00.0: reg 0x1c: [io 0x8140-0x8143]

[ 8.237643] pci 0001:01:00.0: reg 0x20: [io 0x800000-0x80000f]

[ 8.237704] pci 0001:01:00.0: reg 0x24: [mem 0x00900000-0x009001ff]

[ 8.237764] pci 0001:01:00.0: reg 0x30: [mem 0xd0000000-0xd000ffff pref]

[ 8.238090] pci 0001:01:00.0: PME# supported from D3hot

[ 8.238335] iommu: Adding device 0001:01:00.0 to group 64

[ 8.249586] pci 0001:00:00.0: BAR 14: assigned [mem 0x30200000-0x302fffff]

[ 8.250701] pci 0001:00:00.0: BAR 13: assigned [io 0x100000-0x100fff]

[ 8.251804] pci 0001:01:00.0: BAR 6: assigned [mem 0x30200000-0x3020ffff pref]

[ 8.252962] pci 0001:01:00.0: BAR 5: assigned [mem 0x30210000-0x302101ff]

[ 8.254131] pci 0001:01:00.0: BAR 4: assigned [io 0x100000-0x10000f]

[ 8.255321] pci 0001:01:00.0: BAR 0: assigned [io 0x100010-0x100017]

[ 8.256492] pci 0001:01:00.0: BAR 2: assigned [io 0x100018-0x10001f]

[ 8.257783] pci 0001:01:00.0: BAR 1: assigned [io 0x100020-0x100023]

[ 8.258988] pci 0001:01:00.0: BAR 3: assigned [io 0x100024-0x100027]

[ 8.261074] pci 0001:00:00.0: PCI bridge to [bus 01-ff]

[ 8.266009] pci 0001:00:00.0: bridge window [io 0x100000-0x100fff]

[ 8.272513] pci 0001:00:00.0: bridge window [mem 0x30200000-0x302fffff]

[ 8.279226] pci 0001:00:00.0: Max Payload Size set to 256/ 256 (was 256), Max Read Rq 512

[ 8.287910] pci 0001:01:00.0: Max Payload Size set to 256/ 512 (was 128), Max Read Rq 512

[ 8.296707] pcieport 0001:00:00.0: Signaling PME through PCIe PME interrupt

[ 8.303121] pci 0001:01:00.0: Signaling PME through PCIe PME interrupt

[ 8.309913] pcie\_pme 0001:00:00.0:pcie001: service driver pcie\_pme loaded

[ 8.310022] aer 0001:00:00.0:pcie002: service driver aer loaded

[ 8.310546] ahci 0001:01:00.0: version 3.0

[ 8.311067] ahci 0001:01:00.0: AHCI 0001.0000 32 slots 1 ports 6 Gbps 0x1 impl SATA mode

[ 8.317970] ahci 0001:01:00.0: flags: 64bit ncq sntf led only pmp fbs pio slum part sxs

[ 8.326838] scsi host1: ahci

[ 8.328607] nvme0n1: p1

[ 8.328708] ata1: SATA max UDMA/133 abar m512@0x30210000 port 0x30210100 irq 595

[ 8.328965] tegra-pcie-dw 14140000.pcie: Setting init speed to max speed

[ 8.329849] OF: PCI: host bridge /pcie@14140000 ranges:

[ 8.329881] OF: PCI: IO 0x34100000..0x341fffff -> 0x34100000

[ 8.329888] OF: PCI: MEM 0x34200000..0x35ffffff -> 0x34200000

[ 8.329891] OF: PCI: MEM 0x1280000000..0x12bfffffff -> 0x1280000000

[ 8.656075] ata1: SATA link down (SStatus 0 SControl 300)

[ 8.838608] tegra-pcie-dw 14140000.pcie: link is down

[ 8.840008] tegra-pcie-dw 14140000.pcie: PCI host bridge to bus 0003:00

[ 8.841262] pci\_bus 0003:00: root bus resource [bus 00-ff]

[ 8.842445] pci\_bus 0003:00: root bus resource [io 0x200000-0x2fffff] (bus address [0x34100000-0x341fffff])

[ 8.843745] pci\_bus 0003:00: root bus resource [mem 0x34200000-0x35ffffff]

[ 8.844955] pci\_bus 0003:00: root bus resource [mem 0x1280000000-0x12bfffffff pref]

[ 8.846167] pci 0003:00:00.0: [10de:1ad2] type 01 class 0x060400

[ 8.846318] pci 0003:00:00.0: PME# supported from D0 D3hot D3cold

[ 8.846567] iommu: Adding device 0003:00:00.0 to group 65

[ 8.847994] pci 0003:00:00.0: PCI bridge to [bus 01-ff]

[ 8.849200] pci 0003:00:00.0: Max Payload Size set to 256/ 256 (was 256), Max Read Rq 512

[ 8.850647] pcieport 0003:00:00.0: Signaling PME through PCIe PME interrupt

[ 8.851857] pcie\_pme 0003:00:00.0:pcie001: service driver pcie\_pme loaded

[ 8.851951] aer 0003:00:00.0:pcie002: service driver aer loaded

[ 8.852118] pcie\_pme 0003:00:00.0:pcie001: unloading service driver pcie\_pme

[ 8.852169] aer 0003:00:00.0:pcie002: unloading service driver aer

[ 8.852258] pci\_bus 0003:01: busn\_res: [bus 01-ff] is released

[ 8.852339] iommu: Removing device 0003:00:00.0 from group 65

[ 8.853582] pci\_bus 0003:00: busn\_res: [bus 00-ff] is released

[ 8.853830] tegra-pcie-dw 14140000.pcie: PCIe link is not up...!

[ 8.855594] tegra-pcie-dw 141a0000.pcie: Setting init speed to max speed

[ 8.857925] OF: PCI: host bridge /pcie@141a0000 ranges:

[ 8.859118] OF: PCI: IO 0x3a100000..0x3a1fffff -> 0x3a100000

[ 8.860407] OF: PCI: MEM 0x3a200000..0x3bffffff -> 0x3a200000

[ 8.861611] OF: PCI: MEM 0x1c00000000..0x1fffffffff -> 0x1c00000000

[ 9.370951] tegra-pcie-dw 141a0000.pcie: link is down

[ 9.372360] tegra-pcie-dw 141a0000.pcie: PCI host bridge to bus 0005:00

[ 9.373671] pci\_bus 0005:00: root bus resource [bus 00-ff]

[ 9.374851] pci\_bus 0005:00: root bus resource [io 0x300000-0x3fffff] (bus address [0x3a100000-0x3a1fffff])

[ 9.376107] pci\_bus 0005:00: root bus resource [mem 0x3a200000-0x3bffffff]

[ 9.377437] pci\_bus 0005:00: root bus resource [mem 0x1c00000000-0x1fffffffff pref]

[ 9.378769] pci 0005:00:00.0: [10de:1ad0] type 01 class 0x060400

[ 9.379029] pci 0005:00:00.0: PME# supported from D0 D3hot D3cold

[ 9.379208] iommu: Adding device 0005:00:00.0 to group 65

[ 9.380640] pci 0005:00:00.0: PCI bridge to [bus 01-ff]

[ 9.381870] pci 0005:00:00.0: Max Payload Size set to 256/ 256 (was 256), Max Read Rq 512

[ 9.383368] pcieport 0005:00:00.0: Signaling PME through PCIe PME interrupt

[ 9.384572] pcie\_pme 0005:00:00.0:pcie001: service driver pcie\_pme loaded

[ 9.384665] aer 0005:00:00.0:pcie002: service driver aer loaded

[ 9.384888] pcie\_pme 0005:00:00.0:pcie001: unloading service driver pcie\_pme

[ 9.384952] aer 0005:00:00.0:pcie002: unloading service driver aer

[ 9.385029] pci\_bus 0005:01: busn\_res: [bus 01-ff] is released

[ 9.385110] iommu: Removing device 0005:00:00.0 from group 65

[ 9.386333] pci\_bus 0005:00: busn\_res: [bus 00-ff] is released

[ 9.386605] tegra-pcie-dw 141a0000.pcie: PCIe link is not up...!

[ 9.400069] tegra-cbb 14040000.cv-noc: noc\_secure\_irq = 98, noc\_nonsecure\_irq = 97>

[ 9.406365] tegra194-isp5 14800000.isp: initialized

[ 9.415231] tegra194-vi5 15c10000.vi: initialized

[ 9.421754] tegra194-vi5 15c10000.vi: ep of\_device is not enabled /host1x/vi@15c10000/ports/port@0/endpoint.

[ 9.423781] tegra194-vi5 15c10000.vi: ep of\_device is not enabled /host1x/vi@15c10000/ports/port@1/endpoint.

[ 9.426625] tegradc 15210000.nvdisplay: disp1 connected to head1->/host1x/sor

[ 9.428070] tegradc 15210000.nvdisplay: parse\_dp\_settings: No dp-lt-settings node

[ 9.428547] tegra-xusb 3610000.xhci: USB2 port 0 has OTG\_CAP

[ 9.428549] tegra-xusb 3610000.xhci: USB3 port 2 has OTG\_CAP

[ 9.431592] tegra-xusb 3610000.xhci: extcon 0: ffffffc3eb06cc00 id

[ 9.432260] tegra-xudc-new 3550000.xudc: PMQOS CPU boost enabled

[ 9.432298] tegra-xudc-new 3550000.xudc: device count: 1

[ 9.432392] tegra-xusb 3610000.xhci: Direct firmware load for tegra19x\_xusb\_firmware failed with error -2

[ 9.432411] tegra-xusb 3610000.xhci: Falling back to user helper

[ 9.433125] tegra-xudc-new 3550000.xudc: vbus state: 0

[ 9.433129] tegra-xudc-new 3550000.xudc: Initialize boost\_cpufreq work

[ 9.433900] tegra186-cam-rtcpu bc00000.rtcpu: Trace buffer configured at IOVA=0xbff00000

[ 9.434080] tegra-xudc-new 3550000.xudc: entering ELPG

[ 9.434286] tegra-xudc-new 3550000.xudc: entering ELPG done

[ 9.487323] tegradc 15210000.nvdisplay: DT parsed successfully

[ 9.493463] tegradc 15210000.nvdisplay: Display dc.ffffff800ff10000 registered with id=1

[ 9.501415] tegradc 15210000.nvdisplay: vblank syncpt # 15 for dc 1

[ 9.507519] tegradc 15210000.nvdisplay: vpulse3 syncpt # 16 for dc 1

[ 9.508982] tegra-ivc ivc-bc00000.rtcpu: region 0: iova=0xbfee0000-0xbfefffff size=131072

[ 9.509341] tegra-ivc ivc-bc00000.rtcpu:echo@0: echo: ver=0 grp=1 RX[16x64]=0x1000-0x1480 TX[16x64]=0x1480-0x1900

[ 9.509525] tegra-ivc ivc-bc00000.rtcpu:dbg@1: dbg: ver=0 grp=1 RX[1x384]=0x1900-0x1b00 TX[1x384]=0x1b00-0x1d00

[ 9.509694] tegra-ivc ivc-bc00000.rtcpu:dbg@2: dbg: ver=0 grp=1 RX[1x8192]=0x1d00-0x3d80 TX[1x8192]=0x3d80-0x5e00

[ 9.510020] tegra-ivc ivc-bc00000.rtcpu:ivccontrol@3: ivccontrol: ver=0 grp=1 RX[64x320]=0x5e00-0xae80 TX[64x320]=0xae80-0xff00

[ 9.510076] tegra-ivc ivc-bc00000.rtcpu:ivccapture@4: ivccapture: ver=0 grp=1 RX[512x64]=0xff00-0x17f80 TX[512x64]=0x17f80-0x20000

[ 9.510250] tegra186-cam-rtcpu bc00000.rtcpu: using cam RTCPU IRQ (69)

[ 9.510252] tegra186-cam-rtcpu bc00000.rtcpu: tegra\_camrtc\_mon\_create is successful

[ 9.511280] tegra186-cam-rtcpu bc00000.rtcpu: firmware version cpu=rce cmd=5 sha1=cf2bef3ad10e437272857b76308abef8ffb80bda

[ 9.511672] gpio tegra-gpio wake67 for gpio=48(G:0)

[ 9.511731] gpio tegra-gpio-aon wake29 for gpio=36(EE:4)

[ 9.511885] input: gpio-keys as /devices/gpio-keys/input/input5

[ 9.553277] tegra\_rtc c2a0000.rtc: setting system clock to 2000-01-01 01:00:16 UTC (946688416)

[ 9.553860] mmcblk mmc0:0001: Card claimed for testing.

[ 9.590959] bpmp: mounted debugfs mirror

[ 9.596352] vdd-1v8-cvb: disabling

[ 9.596355] vdd-1v8-sd: disabling

[ 9.596356] vdd-epb-1v0: disabling

[ 9.596358] avdd-cam-2v8: disabling

[ 9.596359] vdd-sata-1v5: disabling

[ 9.596360] vdd-3v3-slt: disabling

[ 9.596362] vdd-fan: disabling

[ 9.596363] vdd\_sys\_en: disabling

[ 9.596364] vdd-5v-sata: disabling

[ 9.596370] ALSA device list:

[ 9.596372] #0: tegra-hda-galen-t194 at 0x3518000 irq 68

[ 9.596373] #1: tegra-snd-t19x-mobile-rt565x

[ 9.687337] tegradc 15210000.nvdisplay: probed

[ 9.708509] tegradc 15210000.nvdisplay: fb registered

[ 9.713108] hpd: state 7 (Takeover from bootloader), hpd 0, pending\_hpd\_evt 1

[ 9.714381] hpd: switching from state 7 (Takeover from bootloader) to state 0 (Reset)

[ 9.715663] hpd: state 0 (Reset), hpd 0, pending\_hpd\_evt 0

[ 9.716949] tegradc 15210000.nvdisplay: blank - powerdown

[ 9.717221] tegradc 15220000.nvdisplay: disp2 connected to head2->/host1x/sor1

[ 9.717245] tegradc 15220000.nvdisplay: parse\_dp\_settings: No dp-lt-settings node

[ 9.717332] tegradc 15220000.nvdisplay: DT parsed successfully

[ 9.717370] tegradc 15220000.nvdisplay: Display dc.ffffff80111d0000 registered with id=2

[ 9.717570] tegradc 15220000.nvdisplay: vblank syncpt # 17 for dc 2

[ 9.717573] tegradc 15220000.nvdisplay: vpulse3 syncpt # 18 for dc 2

[ 9.756325] extcon-disp-state external-connection:disp-state: cable 44 state 0 already set.

[ 9.764304] Extcon DP: HPD disabled

[ 9.767917] hpd: hpd\_switch 0

[ 9.771078] hpd: switching from state 0 (Reset) to state 1 (Check Plug)

[ 9.778235] hpd: state 1 (Check Plug), hpd 0, pending\_hpd\_evt 0

[ 9.784104] hpd: switching from state 1 (Check Plug) to state 3 (Disabled)

[ 9.792134] tegradc 15220000.nvdisplay: probed

[ 9.815372] tegradc 15220000.nvdisplay: fb registered

[ 9.820115] hpd: state 7 (Takeover from bootloader), hpd 0, pending\_hpd\_evt 1

[ 9.821515] hpd: switching from state 7 (Takeover from bootloader) to state 0 (Reset)

[ 9.822783] hpd: state 0 (Reset), hpd 0, pending\_hpd\_evt 0

[ 9.824039] tegradc 15220000.nvdisplay: blank - powerdown

[ 9.826643] extcon-disp-state external-connection:disp-state: cable 44 state 0 already set.

[ 9.834609] Extcon DP: HPD disabled

[ 9.838077] hpd: hpd\_switch 0

[ 9.841491] hpd: switching from state 0 (Reset) to state 1 (Check Plug)

[ 9.848145] hpd: state 1 (Check Plug), hpd 0, pending\_hpd\_evt 0

[ 9.854108] hpd: switching from state 1 (Check Plug) to state 3 (Disabled)

[ 9.861026] EXT4-fs (mmcblk0p1): mounted filesystem with ordered data mode. Opts: (null)

[ 9.869016] VFS: Mounted root (ext4 filesystem) on device 179:1.

[ 9.878423] devtmpfs: mounted

[ 9.881411] Freeing unused kernel memory: 8512K

[ 9.979440] systemd[1]: System time before build time, advancing clock.

[ 10.001577] ip\_tables: (C) 2000-2006 Netfilter Core Team

[ 10.006362] cgroup: cgroup2: unknown option "nsdelegate"

[ 10.015601] systemd[1]: systemd 237 running in system mode. (+PAM +AUDIT +SELINUX +IMA +APPARMOR +SMACK +SYSVINIT +UTMP +LIBCRYPTSETUP +GCRYPT +GNUTLS +ACL +XZ +LZ4 +SECCOMP +BLKID +ELFUTILS +KMOD -IDN2 +IDN -PCRE2 default-hierarchy=hybrid)

[ 10.019377] systemd[1]: Detected architecture arm64.

[ 10.033248] systemd[1]: Set hostname to <nvidia>.

[ 10.105259] systemd[1]: File /lib/systemd/system/systemd-journald.service:36 configures an IP firewall (IPAddressDeny=any), but the local system does not support BPF/cgroup based firewalling.

[ 10.107024] systemd[1]: Proceeding WITHOUT firewalling in effect! (This warning is only shown for the first loaded unit using IP firewalling.)

[ 10.236191] random: systemd: uninitialized urandom read (16 bytes read)

[ 10.238076] systemd[1]: Started Forward Password Requests to Wall Directory Watch.

[ 10.241412] random: systemd: uninitialized urandom read (16 bytes read)

[ 10.242996] systemd[1]: Reached target User and Group Name Lookups.

[ 10.246436] random: systemd: uninitialized urandom read (16 bytes read)

[ 10.248365] systemd[1]: Set up automount Arbitrary Executable File Formats File System Automount Point.

[ 10.251870] systemd[1]: Reached target Swap.

[ 10.260146] systemd[1]: Created slice System Slice.

[ 10.320047] gpio tegra-gpio wake44 for gpio=192(Y:0)

[ 10.350608] EXT4-fs (mmcblk0p1): re-mounted. Opts: (null)

[ 10.370292] nvgpu: 17000000.gv11b nvgpu\_nvhost\_syncpt\_init:291 [INFO] syncpt\_unit\_base 60000000 syncpt\_unit\_size 400000 size 1000

[ 10.770380] systemd-journald[2402]: Received request to flush runtime journal from PID 1

[ 11.259473] tegra-xusb 3610000.xhci: cannot find firmware....retry after 1 second

[ 11.272114] bmi160 1-0069: nvs\_vregs\_init vdd err=-19

[ 11.272124] bmi160 1-0069: nvs\_vregs\_init vdd\_IO err=-19

[ 11.305060] using random self ethernet address

[ 11.307070] using random host ethernet address

[ 11.326196] tegra-i2c c240000.i2c: no acknowledge from address 0x69

[ 11.328233] bmi160 1-0069: bmi\_i2c\_rd ERR: 0x00

[ 11.330333] bmi160 1-0069: bmi\_init \_id\_i2c ERR

[ 11.332221] bmi160 1-0069: bmi\_remove

[ 11.332225] bmi160 1-0069: bmi\_probe done

[ 11.332387] bmi160 8-0069: nvs\_vregs\_init vdd err=-19

[ 11.335094] Mass Storage Function, version: 2009/09/11

[ 11.335098] LUN: removable file: (no medium)

[ 11.337139] bmi160 8-0069: nvs\_vregs\_init vdd\_IO err=-19

[ 11.339740] using random self ethernet address

[ 11.342404] using random host ethernet address

[ 11.352052] rndis0: HOST MAC 46:d4:42:ee:98:0c

[ 11.352121] rndis0: MAC 46:d4:42:ee:98:0d

[ 11.353116] usb0: HOST MAC 46:d4:42:ee:98:0e

[ 11.353154] usb0: MAC 46:d4:42:ee:98:0f

[ 11.353176] tegra-xudc-new 3550000.xudc: exiting ELPG

[ 11.354293] tegra-xudc-new 3550000.xudc: exiting ELPG done

[ 11.354309] tegra-xudc-new 3550000.xudc: ep 0 (type: 0, dir: out) enabled

[ 11.354360] tegra-xudc-new 3550000.xudc: entering ELPG

[ 11.354566] tegra-xudc-new 3550000.xudc: entering ELPG done

[ 11.354600] tegra-xudc-new 3550000.xudc: exiting ELPG

[ 11.355583] tegra-xudc-new 3550000.xudc: exiting ELPG done

[ 11.355608] tegra-xudc-new 3550000.xudc: entering ELPG

[ 11.355796] tegra-xudc-new 3550000.xudc: entering ELPG done

[ 11.374366] l4tbr0: port 1(rndis0) entered blocking state

[ 11.374375] l4tbr0: port 1(rndis0) entered disabled state

[ 11.374741] device rndis0 entered promiscuous mode

[ 11.386089] IPv6: ADDRCONF(NETDEV\_UP): rndis0: link is not ready

[ 11.392698] l4tbr0: port 2(usb0) entered blocking state

[ 11.392708] l4tbr0: port 2(usb0) entered disabled state

[ 11.394659] device usb0 entered promiscuous mode

[ 11.406634] IPv6: ADDRCONF(NETDEV\_UP): usb0: link is not ready

[ 11.406641] l4tbr0: port 2(usb0) entered blocking state

[ 11.406644] l4tbr0: port 2(usb0) entered forwarding state

[ 11.410198] tegra-i2c 31e0000.i2c: no acknowledge from address 0x69

[ 11.412174] bmi160 8-0069: bmi\_i2c\_rd ERR: 0x00

[ 11.414316] bmi160 8-0069: bmi\_init \_id\_i2c ERR

[ 11.416505] bmi160 8-0069: bmi\_remove

[ 11.416508] bmi160 8-0069: bmi\_probe done

[ 11.612372] random: crng init done

[ 11.614437] random: 7 urandom warning(s) missed due to ratelimiting

[ 12.219622] nvgpu: 17000000.gv11b tpc\_pg\_mask\_store:901 [INFO] no value change, same mask already set

[ 12.268875] tegra-xusb 3610000.xhci: Firmware timestamp: 2018-03-29 14:24:42 UTC, Version: 60.05 release

[ 12.268916] tegra-xusb 3610000.xhci: xHCI Host Controller

[ 12.268936] tegra-xusb 3610000.xhci: new USB bus registered, assigned bus number 1

[ 12.270194] tegra-xusb 3610000.xhci: hcc params 0x0184ff25 hci version 0x110 quirks 0x00050810

[ 12.270237] tegra-xusb 3610000.xhci: irq 472, io mem 0x03610000

[ 12.270415] usb usb1: New USB device found, idVendor=1d6b, idProduct=0002

[ 12.270418] usb usb1: New USB device strings: Mfr=3, Product=2, SerialNumber=1

[ 12.270420] usb usb1: Product: xHCI Host Controller

[ 12.270422] usb usb1: Manufacturer: Linux 4.9.140-tegra xhci-hcd

[ 12.270423] usb usb1: SerialNumber: 3610000.xhci

[ 12.270829] hub 1-0:1.0: USB hub found

[ 12.270856] hub 1-0:1.0: 4 ports detected

[ 12.271173] tegra-xusb 3610000.xhci: xHCI Host Controller

[ 12.271180] tegra-xusb 3610000.xhci: new USB bus registered, assigned bus number 2

[ 12.271185] tegra-xusb 3610000.xhci: Host supports USB 3.1 Enhanced SuperSpeed

[ 12.271329] usb usb2: New USB device found, idVendor=1d6b, idProduct=0003

[ 12.271332] usb usb2: New USB device strings: Mfr=3, Product=2, SerialNumber=1

[ 12.271333] usb usb2: Product: xHCI Host Controller

[ 12.271335] usb usb2: Manufacturer: Linux 4.9.140-tegra xhci-hcd

[ 12.271337] usb usb2: SerialNumber: 3610000.xhci

[ 12.271645] hub 2-0:1.0: USB hub found

[ 12.271720] hub 2-0:1.0: 4 ports detected

[ 12.272237] Wake76 for irq=199

[ 12.272239] Wake77 for irq=199

[ 12.272240] Wake78 for irq=199

[ 12.272241] Wake79 for irq=199

[ 12.272242] Wake80 for irq=199

[ 12.272242] Wake81 for irq=199

[ 12.272243] Wake82 for irq=199

[ 12.360933] l4tbr0: port 2(usb0) entered disabled state

[ 12.597737] usb 2-4: new SuperSpeed USB device number 2 using tegra-xusb

[ 12.620316] usb 2-4: New USB device found, idVendor=05e3, idProduct=0612

[ 12.620320] usb 2-4: New USB device strings: Mfr=1, Product=2, SerialNumber=0

[ 12.620322] usb 2-4: Product: USB3.0 Hub

[ 12.620325] usb 2-4: Manufacturer: GenesysLogic

[ 12.622295] hub 2-4:1.0: USB hub found

[ 12.622632] hub 2-4:1.0: 4 ports detected

[ 12.780853] usb 2-4: usb\_suspend\_both: status 0

[ 12.781217] usb usb2: usb\_suspend\_both: status 0

[ 12.869302] usb 1-4: new high-speed USB device number 2 using tegra-xusb

[ 12.897869] usb 1-4: New USB device found, idVendor=05e3, idProduct=0610

[ 12.897898] usb 1-4: New USB device strings: Mfr=1, Product=2, SerialNumber=0

[ 12.897902] usb 1-4: Product: USB2.0 Hub

[ 12.897905] usb 1-4: Manufacturer: GenesysLogic

[ 12.899800] hub 1-4:1.0: USB hub found

[ 12.900507] hub 1-4:1.0: 4 ports detected

[ 13.982030] usb 1-4-port1: Cannot enable. Maybe the USB cable is bad?

[ 14.684866] usb 1-4.1: new low-speed USB device number 4 using tegra-xusb

[ 14.709757] usb 1-4.1: New USB device found, idVendor=17ef, idProduct=608d

[ 14.709762] usb 1-4.1: New USB device strings: Mfr=1, Product=2, SerialNumber=0

[ 14.709767] usb 1-4.1: Product: Lenovo USB Optical Mouse

[ 14.709770] usb 1-4.1: Manufacturer: PixArt

[ 14.714447] input: PixArt Lenovo USB Optical Mouse as /devices/3610000.xhci/usb1/1-4/1-4.1/1-4.1:1.0/0003:17EF:608D.0001/input/input6

[ 14.715163] hid-generic 0003:17EF:608D.0001: input,hidraw0: USB HID v1.11 Mouse [PixArt Lenovo USB Optical Mouse] on usb-3610000.xhci-4.1/input0

[ 16.775441] IPv6: ADDRCONF(NETDEV\_UP): eth0: link is not ready

[ 16.853943] gpio tegra-gpio wake20 for gpio=52(G:4)

[ 16.858011] IPv6: ADDRCONF(NETDEV\_UP): eth0: link is not ready

[ 17.643267] tegradc 15200000.nvdisplay: blank - powerdown

[ 17.703449] extcon-disp-state external-connection:disp-state: cable 48 state 0

[ 17.703453] Extcon AUX2(HDMI) disable

[ 17.729280] tegra\_nvdisp\_handle\_pd\_disable: Powergated Head1 pd

[ 17.730099] tegra\_nvdisp\_handle\_pd\_disable: Powergated Head0 pd

[ 17.730370] tegradc 15200000.nvdisplay: unblank

[ 17.731288] tegra\_nvdisp\_handle\_pd\_enable: Unpowergated Head0 pd

[ 17.731422] tegra\_nvdisp\_handle\_pd\_enable: Unpowergated Head1 pd

[ 17.741855] Parent Clock set for DC plld3

[ 17.746241] tegradc 15200000.nvdisplay: hdmi: tmds rate:138500K prod-setting:prod\_c\_hdmi\_111m\_223m

[ 17.747639] tegradc 15200000.nvdisplay: hdmi: get RGB quant from EDID.

[ 17.747649] tegradc 15200000.nvdisplay: hdmi: get YCC quant from EDID.

[ 17.753034] extcon-disp-state external-connection:disp-state: cable 48 state 1

[ 17.753036] Extcon AUX2(HDMI) enable

[ 17.753111] tegradc 15200000.nvdisplay: unblank

[ 17.753118] tegradc 15210000.nvdisplay: blank - powerdown

[ 17.753125] tegradc 15220000.nvdisplay: blank - powerdown

[ 18.379838] fuse init (API version 7.26)

[ 18.445037] eqos 2490000.ether\_qos eth0: Link is Up - 100Mbps/Full - flow control rx/tx

[ 18.445637] IPv6: ADDRCONF(NETDEV\_CHANGE): eth0: link becomes ready

[ 29.924875] usb 1-4.3: new low-speed USB device number 5 using tegra-xusb

[ 29.953249] usb 1-4.3: New USB device found, idVendor=17ef, idProduct=6099

[ 29.953290] usb 1-4.3: New USB device strings: Mfr=1, Product=2, SerialNumber=0

[ 29.953295] usb 1-4.3: Product: Lenovo Traditional USB Keyboard

[ 29.953299] usb 1-4.3: Manufacturer: LiteOn

[ 29.959668] input: LiteOn Lenovo Traditional USB Keyboard as /devices/3610000.xhci/usb1/1-4/1-4.3/1-4.3:1.0/0003:17EF:6099.0002/input/input7

[ 30.017967] hid-generic 0003:17EF:6099.0002: input,hidraw1: USB HID v1.11 Keyboard [LiteOn Lenovo Traditional USB Keyboard] on usb-3610000.xhci-4.3/input0

[ 30.023851] input: LiteOn Lenovo Traditional USB Keyboard as /devices/3610000.xhci/usb1/1-4/1-4.3/1-4.3:1.1/0003:17EF:6099.0003/input/input8

[ 30.081798] hid-generic 0003:17EF:6099.0003: input,hidraw2: USB HID v1.11 Device [LiteOn Lenovo Traditional USB Keyboard] on usb-3610000.xhci-4.3/input1

[ 37.645124] tegradc 15200000.nvdisplay: blank - powerdown

[ 37.703454] extcon-disp-state external-connection:disp-state: cable 48 state 0

[ 37.703458] Extcon AUX2(HDMI) disable

[ 37.728314] tegra\_nvdisp\_handle\_pd\_disable: Powergated Head1 pd

[ 37.729642] tegra\_nvdisp\_handle\_pd\_disable: Powergated Head0 pd

[ 37.730125] tegradc 15210000.nvdisplay: blank - powerdown

[ 37.730141] tegradc 15220000.nvdisplay: blank - powerdown

[ 37.854999] tegradc 15200000.nvdisplay: blank - powerdown

[ 37.855018] tegradc 15200000.nvdisplay: unblank

[ 37.855930] tegra\_nvdisp\_handle\_pd\_enable: Unpowergated Head0 pd

[ 37.856046] tegra\_nvdisp\_handle\_pd\_enable: Unpowergated Head1 pd

[ 37.857690] Parent Clock set for DC plld3

[ 37.861664] tegradc 15200000.nvdisplay: hdmi: tmds rate:138500K prod-setting:prod\_c\_hdmi\_111m\_223m

[ 37.862978] tegradc 15200000.nvdisplay: hdmi: get RGB quant from EDID.

[ 37.863003] tegradc 15200000.nvdisplay: hdmi: get YCC quant from EDID.

[ 37.867479] extcon-disp-state external-connection:disp-state: cable 48 state 1

[ 37.867481] Extcon AUX2(HDMI) enable

[ 37.868249] tegradc 15200000.nvdisplay: unblank

[ 37.868273] tegradc 15210000.nvdisplay: blank - powerdown

[ 37.868278] tegradc 15220000.nvdisplay: blank - powerdown

[ 40.505648] Bluetooth: BNEP (Ethernet Emulation) ver 1.3

[ 40.505660] Bluetooth: BNEP socket layer initialized

[ 40.786805] tegradc 15200000.nvdisplay: unblank

[ 40.786814] tegradc 15210000.nvdisplay: blank - powerdown

[ 40.786819] tegradc 15220000.nvdisplay: blank - powerdown

[ 98.535472] usb 1-4.4: new high-speed USB device number 6 using tegra-xusb

[ 100.138764] usb 1-4.4: unable to read config index 0 descriptor/start: -32

[ 100.138973] usb 1-4.4: chopping to 0 config(s)

[ 100.141353] usb 1-4.4: New USB device found, idVendor=199e, idProduct=8302

[ 100.141364] usb 1-4.4: New USB device strings: Mfr=2, Product=1, SerialNumber=3

[ 100.141401] usb 1-4.4: Product: DFx 22BUC03

[ 100.141405] usb 1-4.4: Manufacturer: The Imaging Source Europe GmbH

[ 100.141409] usb 1-4.4: SerialNumber: 40814200

[ 100.142010] usb 1-4.4: no configuration chosen from 0 choices