dmesg

[ 0.000000] Booting Linux on physical CPU 0x0

[ 0.000000] Linux version 4.9.140+ (root@ebots-hung) (gcc version 6.4.1 20170707 (Linaro GCC 6.4-2017.08) ) #2 SMP PREEMPT Thu Jul 11 15:45:15 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: 29320(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: 15994992K/16383988K available (15038K kernel code, 2912K rwdata, 6548K rodata, 8512K init, 607K bss, 323460K 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 - 0xffffff8008f30000 ( 15040 KB)

[ 0.000000] .rodata : 0xffffff8008f30000 - 0xffffff80095a0000 ( 6592 KB)

[ 0.000000] .init : 0xffffff80095a0000 - 0xffffff8009df0000 ( 8512 KB)

[ 0.000000] .data : 0xffffff8009df0000 - 0xffffff800a0c8008 ( 2913 KB)

[ 0.000000] .bss : 0xffffff800a0c8008 - 0xffffff800a15fe3c ( 608 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

[ 0.000009] sched\_clock: 56 bits at 31MHz, resolution 32ns, wraps every 4398046511088ns

[ 0.009400] Console: colour dummy device 80x25

[ 0.012430] console [tty0] enabled

[ 0.015880] bootconsole [tegra\_comb\_uart0] disabled

[ 0.020636] kmemleak: Kernel memory leak detector disabled

[ 0.020724] Calibrating delay loop (skipped), value calculated using timer frequency.. 62.50 BogoMIPS (lpj=125000)

[ 0.020821] pid\_max: default: 32768 minimum: 301

[ 0.022219] Security Framework initialized

[ 0.023004] Mount-cache hash table entries: 32768 (order: 6, 262144 bytes)

[ 0.023058] Mountpoint-cache hash table entries: 32768 (order: 6, 262144 bytes)

[ 0.025405] ftrace: allocating 46769 entries in 183 pages

[ 0.523942] sched-energy: Sched-energy-costs installed from DT

[ 0.524119] ASID allocator initialised with 65536 entries

[ 0.565810] tegra-id: chipid=21917.

[ 0.565851] tegra-id: opt\_subrevision=0.

[ 0.565956] Tegra Revision: A02 SKU: 0xd0 CPU Process: 0 SoC Process: 0

[ 0.566023] DTS File Name: ../arch/arm64/boot/dts/../../../../../../hardware/nvidia/platform/t19x/galen/kernel-dts/common/tegra194-p2888-0001-p2822-0000-common.dtsi

[ 0.566093] DTB Build time: Jul 11 2019 15:34:52

[ 0.613645] CPU1: Booted secondary processor [4e0f0040]

[ 0.645628] CPU2: Booted secondary processor [4e0f0040]

[ 0.678034] CPU3: Booted secondary processor [4e0f0040]

[ 0.710467] CPU4: Booted secondary processor [4e0f0040]

[ 0.742811] CPU5: Booted secondary processor [4e0f0040]

[ 0.775447] CPU6: Booted secondary processor [4e0f0040]

[ 0.807523] CPU7: Booted secondary processor [4e0f0040]

[ 0.808678] Brought up 8 CPUs

[ 0.809385] SMP: Total of 8 processors activated.

[ 0.809436] CPU features: detected feature: Privileged Access Never

[ 0.809489] CPU features: detected feature: LSE atomic instructions

[ 0.809589] CPU features: detected feature: User Access Override

[ 0.809641] CPU features: detected feature: 32-bit EL0 Support

[ 0.816211] CPU: All CPU(s) started at EL2

[ 0.816386] alternatives: patching kernel code

[ 0.831266] devtmpfs: initialized

[ 0.918469] Initilizing CustomIPI irq domain

[ 0.919112] clocksource: jiffies: mask: 0xffffffff max\_cycles: 0xffffffff, max\_idle\_ns: 7645041785100000 ns

[ 0.919198] futex hash table entries: 2048 (order: 5, 131072 bytes)

[ 0.925008] pinctrl core: initialized pinctrl subsystem

[ 0.925383] OS set in device tree is not L4T.

[ 0.925763] regulator-dummy: no parameters

[ 0.926112] Initializing plugin-manager

[ 0.926198] Plugin module not found

[ 0.926286] Plugin-manager status disabled

[ 0.928063] NET: Registered protocol family 16

[ 0.930492] pstore: using zlib compression

[ 0.932045] console [pstore-1] enabled

[ 0.932088] pstore: Registered ramoops as persistent store backend

[ 0.932142] ramoops: attached 0x200000@0xe8a00000, ecc: 0/0

[ 0.948063] cpuidle: using governor menu

[ 0.950135] bpmp: waiting for handshake

[ 0.950184] bpmp: handshake completed

[ 0.950252] bpmp: synchronizing channels

[ 0.950335] bpmp: channels synchronized

[ 0.950426] bpmp: mail init ok

[ 0.957907] t19x-arm-smmu 12000000.iommu: found 3 SMMUs and ISO SMMU id is 2

[ 0.958581] t19x-arm-smmu 12000000.iommu: probing hardware configuration...

[ 0.958643] t19x-arm-smmu 12000000.iommu: SMMUv2 with:

[ 0.958694] t19x-arm-smmu 12000000.iommu: stage 1 translation

[ 0.958745] t19x-arm-smmu 12000000.iommu: stage 2 translation

[ 0.958795] t19x-arm-smmu 12000000.iommu: nested translation

[ 0.958850] t19x-arm-smmu 12000000.iommu: stream matching with 128 register groups, mask 0x7f80

[ 0.958922] t19x-arm-smmu 12000000.iommu: SMMU address space size (0x800000) differs from mapped region size (0x1000000)!

[ 0.959031] t19x-arm-smmu 12000000.iommu: 64 context banks (0 stage-2 only)

[ 0.959091] t19x-arm-smmu 12000000.iommu: Stage-1: 39-bit VA -> 48-bit IPA

[ 0.959149] t19x-arm-smmu 12000000.iommu: Stage-2: 39-bit IPA -> 48-bit PA

[ 0.964400] vdso: 2 pages (1 code @ ffffff8008f37000, 1 data @ ffffff8009df4000)

[ 0.964720] hw-breakpoint: found 6 breakpoint and 4 watchpoint registers.

[ 0.969213] atomic\_pool\_init():622: DMA: preallocated 1024 KiB pool for atomic allocations

[ 0.970722] Registering BPMP clocks...

[ 0.970890] tegra\_bpmp\_clk\_init: clock init ok (395 clks)

[ 0.971423] tegra\_bpmp\_of\_clk\_init: EMC proxy not found.

[ 0.971948] tegra\_powergate\_init: DONE

[ 0.972140] DTS File Name: ../arch/arm64/boot/dts/../../../../../../hardware/nvidia/platform/t19x/galen/kernel-dts/common/tegra194-p2888-0001-p2822-0000-common.dtsi

[ 0.972337] DTB Build time: Jul 11 2019 15:34:52

[ 0.976385] Tegra reboot handler registered.

[ 0.988766] iommu: Adding device 141a0000.pcie\_ep to group 0

[ 0.989825] iommu: Adding device 14180000.pcie to group 1

[ 0.990865] iommu: Adding device 14100000.pcie to group 2

[ 0.991951] iommu: Adding device 14140000.pcie to group 3

[ 0.994144] iommu: Adding device 2490000.ether\_qos to group 4

[ 0.994933] iommu: Adding device 3100000.serial to group 5

[ 0.995746] iommu: Adding device 3110000.serial to group 6

[ 0.996434] iommu: Adding device 3140000.serial to group 7

[ 0.997316] tegra-pmc c360000.pmc: scratch reg offset dts data not present

[ 0.997635] tegra-pmc: get\_secure\_pmc\_setting: done secure\_pmc=0

[ 0.997725] tegra-pmc: ### PMC reset source: TEGRA\_SOFTWARE\_RESET

[ 0.997822] tegra-pmc: ### PMC reset level: TEGRA\_RESET\_LEVEL\_L1

[ 0.997880] tegra-pmc: ### PMC reset status reg: 0x2d

[ 0.997998] tegra-pmc: PMC Prod config success

[ 0.998317] padctrl padctrl.0: Pad control driver tegra-pmc-padctrl registered

[ 0.998430] tegra-pmc c360000.pmc: IO padctrl driver initialized

[ 0.999058] iommu: Adding device 3460000.sdhci to group 8

[ 0.999936] iommu: Adding device 3400000.sdhci to group 9

[ 1.000822] iommu: Adding device 2450000.ufshci to group 10

[ 1.001566] iommu: Adding device c260000.spi to group 11

[ 1.002781] iommu: Adding device 3160000.i2c to group 12

[ 1.003392] iommu: Adding device c240000.i2c to group 13

[ 1.004078] iommu: Adding device 3180000.i2c to group 14

[ 1.004736] iommu: Adding device 3190000.i2c to group 15

[ 1.005576] iommu: Adding device 31b0000.i2c to group 16

[ 1.006236] iommu: Adding device 31c0000.i2c to group 17

[ 1.006843] iommu: Adding device c250000.i2c to group 18

[ 1.007510] iommu: Adding device 31e0000.i2c to group 19

[ 1.008904] iommu: Adding device sound to group 20

[ 1.009788] iommu: Adding device 3510000.hda to group 21

[ 1.010657] iommu: Adding device bc00000.rtcpu to group 22

[ 1.013933] iommu: Adding device 13e10000.host1x to group 23

[ 1.014561] iommu: Adding device 13e10000.host1x:ctx0 to group 24

[ 1.015140] iommu: Adding device 13e10000.host1x:ctx1 to group 25

[ 1.015736] iommu: Adding device 13e10000.host1x:ctx2 to group 26

[ 1.016314] iommu: Adding device 13e10000.host1x:ctx3 to group 27

[ 1.017004] iommu: Adding device 13e10000.host1x:ctx4 to group 28

[ 1.017820] iommu: Adding device 13e10000.host1x:ctx5 to group 29

[ 1.018404] iommu: Adding device 13e10000.host1x:ctx6 to group 30

[ 1.018991] iommu: Adding device 13e10000.host1x:ctx7 to group 31

[ 1.019797] iommu: Adding device 15340000.vic to group 32

[ 1.020399] iommu: Adding device 15380000.nvjpg to group 33

[ 1.020907] iommu: Adding device 15500000.tsec to group 34

[ 1.021348] iommu: Adding device 15100000.tsecb to group 35

[ 1.021946] iommu: Adding device 15480000.nvdec to group 36

[ 1.022469] iommu: Adding device 15140000.nvdec1 to group 37

[ 1.022931] iommu: Adding device 154c0000.nvenc to group 38

[ 1.023368] iommu: Adding device 15a80000.nvenc1 to group 39

[ 1.024104] iommu: Adding device 15880000.nvdla0 to group 40

[ 1.024753] iommu: Adding device 158c0000.nvdla1 to group 41

[ 1.025675] iommu: Adding device 15200000.nvdisplay to group 42

[ 1.026070] platform 15200000.nvdisplay: IOVA linear map 0x00000000a0697000(800000)

[ 1.026168] platform 15200000.nvdisplay: IOVA linear map 0x00000000a0693000(3000)

[ 1.027466] platform 15200000.nvdisplay: IOVA linear map 0x00000000f0000000(8000000)

[ 1.027550] t19x-arm-smmu: Adding 15200000.nvdisplay to ISO SMMU client

[ 1.028396] iommu: Adding device 15210000.nvdisplay to group 43

[ 1.028504] t19x-arm-smmu: Adding 15210000.nvdisplay to ISO SMMU client

[ 1.029223] iommu: Adding device 15220000.nvdisplay to group 44

[ 1.029330] t19x-arm-smmu: Adding 15220000.nvdisplay to ISO SMMU client

[ 1.032289] iommu: Adding device 15c10000.vi to group 45

[ 1.032606] t19x-arm-smmu: Adding 15c10000.vi to ISO SMMU client

[ 1.033258] iommu: Adding device 14800000.isp to group 46

[ 1.035514] iommu: Adding device 16000000.pva0 to group 47

[ 1.036404] iommu: Adding device 16800000.pva1 to group 48

[ 1.037086] iommu: Adding device 15810000.se to group 49

[ 1.037971] iommu: Adding device 15820000.se to group 50

[ 1.038414] iommu: Adding device 15830000.se to group 51

[ 1.038871] iommu: Adding device 15840000.se to group 52

[ 1.039297] iommu: Adding device c1a0000.aon to group 53

[ 1.041492] iommu: Adding device d000000.bpmp to group 54

[ 1.042002] bpmp: ping status is 0

[ 1.042213] bpmp d000000.bpmp: firmware tag is 1c1b2165fe52a0a54ad7caf60d40cdc3

[ 1.046389] bpmp d000000.bpmp: probe ok

[ 1.048588] tegra-reset 0.bpmp\_reset: registered 186 resets.

[ 1.049441] iommu: Adding device smmu\_test to group 55

[ 1.051231] mc: mapped MMIO address: 0xffffff800a540000 -> 0x2c10000

[ 1.051327] mc: mapped MMIO address: 0xffffff800a560000 -> 0x2c20000

[ 1.051416] mc: mapped MMIO address: 0xffffff800a580000 -> 0x2c30000

[ 1.051511] mc: mapped MMIO address: 0xffffff800a5a0000 -> 0x2c40000

[ 1.051598] mc: mapped MMIO address: 0xffffff800a5c0000 -> 0x2c50000

[ 1.051685] mc: mapped MMIO address: 0xffffff800a5e0000 -> 0x2b80000

[ 1.051771] mc: mapped MMIO address: 0xffffff800a7b0000 -> 0x2b90000

[ 1.051872] mc: mapped MMIO address: 0xffffff800a7d0000 -> 0x2ba0000

[ 1.051969] mc: mapped MMIO address: 0xffffff800b010000 -> 0x2bb0000

[ 1.052090] mc: mapped MMIO address: 0xffffff800b030000 -> 0x1700000

[ 1.052176] mc: mapped MMIO address: 0xffffff800b050000 -> 0x1710000

[ 1.052262] mc: mapped MMIO address: 0xffffff800b070000 -> 0x1720000

[ 1.052346] mc: mapped MMIO address: 0xffffff800b090000 -> 0x1730000

[ 1.052431] mc: mapped MMIO address: 0xffffff800b0b0000 -> 0x1740000

[ 1.052520] mc: mapped MMIO address: 0xffffff800b0d0000 -> 0x1750000

[ 1.052606] mc: mapped MMIO address: 0xffffff800b0f0000 -> 0x1760000

[ 1.052692] mc: mapped MMIO address: 0xffffff800b110000 -> 0x1770000

[ 1.052865] mc-err: mcerr ops are set to t19x

[ 1.062127] iommu: Adding device 2600000.dma to group 56

[ 1.070231] GPIO line 490 (pcie-reg-enable) hogged as output/high

[ 1.070314] GPIO line 289 (pcie-reg-enable) hogged as output/high

[ 1.070394] GPIO line 339 (wifi-enable) hogged as output/high

[ 1.070956] gpiochip\_setup\_dev: registered GPIOs 288 to 511 on device: gpiochip0 (tegra-gpio)

[ 1.081007] GPIO line 253 (pex-refclk-sel-high) hogged as output/high

[ 1.081530] gpiochip\_setup\_dev: registered GPIOs 248 to 287 on device: gpiochip1 (tegra-gpio-aon)

[ 1.084724] tegra186-aowake c370000.pmc: WAKE\_AOWAKE\_CTRL\_0 = 3

[ 1.084774] tegra186-aowake c370000.pmc: WAKE\_AOWAKE\_CNTRL\_24(PMU\_INT) = 256

[ 1.086020] iommu: Adding device 3550000.xudc to group 57

[ 1.087111] iommu: Adding device 3610000.xhci to group 58

[ 1.090647] arm64\_ras arm64\_ras: probed

[ 1.091382] ras\_fhi\_enable: FHI 476 enabled on CPU0

[ 1.091486] ras\_fhi\_enable: FHI 477 enabled on CPU1

[ 1.091717] ras\_fhi\_enable: FHI 478 enabled on CPU2

[ 1.091895] ras\_fhi\_enable: FHI 479 enabled on CPU3

[ 1.092013] ras\_fhi\_enable: FHI 480 enabled on CPU4

[ 1.092193] ras\_fhi\_enable: FHI 481 enabled on CPU5

[ 1.092314] ras\_fhi\_enable: FHI 482 enabled on CPU6

[ 1.092454] ras\_fhi\_enable: FHI 483 enabled on CPU7

[ 1.092770] carmel\_ras\_enable: RAS enabled on cpu0

[ 1.093101] carmel\_ras\_enable: RAS enabled on cpu1

[ 1.093497] carmel\_ras\_enable: RAS enabled on cpu2

[ 1.093843] carmel\_ras\_enable: RAS enabled on cpu3

[ 1.094184] carmel\_ras\_enable: RAS enabled on cpu4

[ 1.094510] carmel\_ras\_enable: RAS enabled on cpu5

[ 1.094838] carmel\_ras\_enable: RAS enabled on cpu6

[ 1.095140] carmel\_ras\_enable: RAS enabled on cpu7

[ 1.095285] carmel\_ras carmel\_ras: probed

[ 1.097176] tegra-cbb 2300000.cbb-noc: noc\_secure\_irq = 485, noc\_nonsecure\_irq = 484>

[ 1.098054] tegra-cbb c600000.aon-noc: noc\_secure\_irq = 487, noc\_nonsecure\_irq = 486>

[ 1.099398] tegra-cbb d600000.bpmp-noc: noc\_secure\_irq = 489, noc\_nonsecure\_irq = 488>

[ 1.100719] tegra-cbb be00000.rce-noc: noc\_secure\_irq = 491, noc\_nonsecure\_irq = 490>

[ 1.101950] tegra-cbb b600000.sce-noc: noc\_secure\_irq = 493, noc\_nonsecure\_irq = 492>

[ 1.102550] tegra-cbb 14040000.cv-noc: defer probe as CV-NOC not probed yet

[ 1.106380] vdd-3v3-cvb: 3300 mV

[ 1.106886] vdd-1v8-cvb: 1800 mV

[ 1.107512] vdd-1v8-sd: 1800 mV

[ 1.108176] vdd-epb-1v0: supplied by vdd-3v3-cvb

[ 1.108282] vdd-epb-1v0: 1000 mV

[ 1.108789] vdd-sdmmc1-sw: 3300 mV

[ 1.109334] avdd-cam-2v8: 2800 mV

[ 1.109773] vdd-sata-1v5: 1500 mV

[ 1.110252] vdd-1v8-slt: 1800 mV

[ 1.110688] vdd-3v3-slt: 3300 mV

[ 1.111139] vdd-fan: 5000 mV

[ 1.111675] vdd-hdmi-5v0: 5000 mV

[ 1.112240] vdd\_sys\_en: 1200 mV

[ 1.112925] vdd-5v-sata: 5000 mV

[ 1.113481] vdd-ac-bat: 5000 mV

[ 1.113790] vdd-5v-sata: supplied by vdd-ac-bat

[ 1.153601] HugeTLB registered 2 MB page size, pre-allocated 0 pages

[ 1.159447] eventlib\_kernel: keventlib is initialized, test id: 0

[ 1.159974] SCSI subsystem initialized

[ 1.160490] libata version 3.00 loaded.

[ 1.160733] usbcore: registered new interface driver usbfs

[ 1.160885] usbcore: registered new interface driver hub

[ 1.161102] usbcore: registered new device driver usb

[ 1.175559] tegra-i2c 31e0000.i2c: could not find pctldev for node /host1x/dpaux@155F0000/pinmux@0, deferring probe

[ 1.179636] max77620 4-003c: PMIC Version OTP:0x51 and ES:0x1

[ 1.188824] vdd-1v0: at 1000 mV

[ 1.194606] vdd-1v8-hs: at 1800 mV

[ 1.198616] vdd-1v8-ls: at 1800 mV

[ 1.202663] vdd-1v8-ao: at 1800 mV

[ 1.206729] vddio-ddr-1v1: at 1100 mV

[ 1.212753] vdd-rtc: at 800 mV

[ 1.214548] spmic-ldo1: at 2375 mV

[ 1.222620] vdd-ao-3v3: at 3300 mV

[ 1.230711] vddio-emmc-3v3: at 3300 mV

[ 1.232275] spmic-ldo4: at 1587 mV

[ 1.238819] vdd-usb-3v3: at 3300 mV

[ 1.246883] vddio-sdmmc1-3v3: at 3300 mV

[ 1.250952] vdd-csi-1v2: at 1200 mV

[ 1.252763] spmic-ldo8: at 1800 mV

[ 1.255039] GPIO line 246 (gpio\_default) hogged as output/high

[ 1.256542] GPIO line 247 (gpio\_default) hogged as output/high

[ 1.257437] gpiochip\_setup\_dev: registered GPIOs 240 to 247 on device: gpiochip2 (max77620-gpio)

[ 1.261643] max77620 4-003c: max77620 probe successful

[ 1.262624] media: Linux media interface: v0.10

[ 1.262808] Linux video capture interface: v2.00

[ 1.264831] pps\_core: LinuxPPS API ver. 1 registered

[ 1.264912] pps\_core: Software ver. 5.3.6 - Copyright 2005-2007 Rodolfo Giometti <giometti@linux.it>

[ 1.265105] PTP clock support registered

[ 1.265904] tegra\_wdt\_t18x 30c0000.watchdog: Tegra WDT init timeout = 120 sec

[ 1.266020] tegra\_wdt\_t18x 30c0000.watchdog: Registered successfully

[ 1.267809] tegra\_fiq\_debugger\_init: found FIQ source (IRQ 468)

[ 1.269982] Advanced Linux Sound Architecture Driver Initialized.

[ 1.270746] Bluetooth: Core ver 2.22

[ 1.270843] NET: Registered protocol family 31

[ 1.270891] Bluetooth: HCI device and connection manager initialized

[ 1.270961] Bluetooth: HCI socket layer initialized

[ 1.271021] Bluetooth: L2CAP socket layer initialized

[ 1.271141] Bluetooth: SCO socket layer initialized

[ 1.275557] camchar: rtcpu character device driver loaded

[ 1.278423] clocksource: Switched to clocksource arch\_sys\_counter

[ 1.331060] VFS: Disk quotas dquot\_6.6.0

[ 1.331278] VFS: Dquot-cache hash table entries: 512 (order 0, 4096 bytes)

[ 1.331842] nvmap\_heap\_init: nvmap\_heap\_init: created heap block cache

[ 1.334185] tegra-carveouts tegra-carveouts: assigned reserved memory node grid-of-semaphores

[ 1.334408] tegra-carveouts tegra-carveouts: vpr :dma coherent mem declare 0x00000000f0000000,134217728

[ 1.334504] nvmap: nvmap\_select\_cache\_ops() nvmap cache ops set to scf

[ 1.334581] nvmap\_page\_pool\_init: Total RAM pages: 4015132

[ 1.334639] nvmap\_page\_pool\_init: nvmap page pool size: 501891 pages (1960 MB)

[ 1.335027] nvmap\_background\_zero\_thread: PP zeroing thread starting.

[ 1.335668] misc nvmap: created heap vpr base 0x00000000f0000000 size (131072KiB)

[ 1.337549] tegra-gpcdma 2600000.dma: GPC DMA driver register 31 channels

[ 1.354025] thermal thermal\_zone0: Registering thermal zone thermal\_zone0 for type CPU-therm

[ 1.354531] thermal thermal\_zone1: Registering thermal zone thermal\_zone1 for type GPU-therm

[ 1.354944] thermal thermal\_zone2: Registering thermal zone thermal\_zone2 for type AUX-therm

[ 1.355315] thermal thermal\_zone3: Registering thermal zone thermal\_zone3 for type AO-therm

[ 1.355945] thermal thermal\_zone4: Registering thermal zone thermal\_zone4 for type Tdiode\_tegra

[ 1.356324] thermal thermal\_zone5: Registering thermal zone thermal\_zone5 for type PMIC-Die

[ 1.356600] thermal thermal\_zone6: Registering thermal zone thermal\_zone6 for type Tboard\_tegra

[ 1.358076] la/ptsa driver initialized.

[ 1.358684] NET: Registered protocol family 2

[ 1.359885] TCP established hash table entries: 131072 (order: 8, 1048576 bytes)

[ 1.360779] TCP bind hash table entries: 65536 (order: 8, 1048576 bytes)

[ 1.361685] TCP: Hash tables configured (established 131072 bind 65536)

[ 1.361823] UDP hash table entries: 8192 (order: 6, 262144 bytes)

[ 1.362181] UDP-Lite hash table entries: 8192 (order: 6, 262144 bytes)

[ 1.363070] NET: Registered protocol family 1

[ 1.364084] RPC: Registered named UNIX socket transport module.

[ 1.364173] RPC: Registered udp transport module.

[ 1.364218] RPC: Registered tcp transport module.

[ 1.364263] RPC: Registered tcp NFSv4.1 backchannel transport module.

[ 1.364332] PCI: CLS 0 bytes, default 64

[ 1.364597] Trying to unpack rootfs image as initramfs...

[ 1.388644] random: fast init done

[ 1.393671] host1x 13e10000.host1x: initialized

[ 1.397167] hw perfevents: enabled with armv8\_pmuv3 PMU driver, 7 counters available

[ 1.404657] audit: initializing netlink subsys (disabled)

[ 1.404787] audit: type=2000 audit(0.932:1): initialized

[ 1.405915] workingset: timestamp\_bits=46 max\_order=22 bucket\_order=0

[ 1.420554] squashfs: version 4.0 (2009/01/31) Phillip Lougher

[ 1.422660] ntfs: driver 2.1.32 [Flags: R/W].

[ 1.423756] 9p: Installing v9fs 9p2000 file system support

[ 1.431092] Block layer SCSI generic (bsg) driver version 0.4 loaded (major 240)

[ 1.431379] io scheduler noop registered

[ 1.431771] io scheduler cfq registered (default)

[ 1.436415] gic 2a41000.agic-controller: GIC IRQ controller registered

[ 1.478382] iommu: Adding device 2993000.adsp to group 59

[ 1.582510] iommu: Adding device aconnect@2a41000:adsp\_audio to group 60

[ 1.583582] tegra-aconnect aconnect@2a41000: Tegra ACONNECT bus registered

[ 1.600500] tegra-pwm c340000.pwm: PWM clk can sleep in ops

[ 1.601212] tegra-pwm 32c0000.pwm: PWM clk can sleep in ops

[ 1.601866] tegra-pwm 32f0000.pwm: PWM clk can sleep in ops

[ 1.605645] tegra\_camera\_platform tegra-camera-platform: tegra\_camera\_probe:camera\_platform\_driver probe

[ 1.606042] misc tegra\_camera\_ctrl: tegra\_camera\_isomgr\_register tpg\_max\_iso = 3916800KBs

[ 1.606140] misc tegra\_camera\_ctrl: tegra\_camera\_isomgr\_register isp\_iso\_bw=4687500, vi\_iso\_bw=2000000, max\_bw=4687500

[ 1.610602] tsec 15500000.tsec: initialized

[ 1.613217] tsec 15100000.tsecb: initialized

[ 1.619090] nvdec 15480000.nvdec: initialized

[ 1.623352] nvdec 15140000.nvdec1: initialized

[ 1.630663] falcon 15340000.vic: initialized

[ 1.633340] falcon 15380000.nvjpg: initialized

[ 1.635845] falcon 154c0000.nvenc: initialized

[ 1.638476] falcon 15a80000.nvenc1: initialized

[ 1.641676] iommu\_context\_dev 13e10000.host1x:ctx0: initialized (streamid=56)

[ 1.644322] iommu\_context\_dev 13e10000.host1x:ctx1: initialized (streamid=57)

[ 1.647009] iommu\_context\_dev 13e10000.host1x:ctx2: initialized (streamid=58)

[ 1.649643] iommu\_context\_dev 13e10000.host1x:ctx3: initialized (streamid=59)

[ 1.652162] iommu\_context\_dev 13e10000.host1x:ctx4: initialized (streamid=60)

[ 1.654152] iommu\_context\_dev 13e10000.host1x:ctx5: initialized (streamid=61)

[ 1.656225] iommu\_context\_dev 13e10000.host1x:ctx6: initialized (streamid=62)

[ 1.658378] iommu\_context\_dev 13e10000.host1x:ctx7: initialized (streamid=63)

[ 1.662969] t194-nvcsi 15a00000.nvcsi: initialized

[ 1.669824] scare-pigeon 13e10000.host1x:vi-thi@15f00000: initialized

[ 1.670620] scare-pigeon 14b00000.isp-thi: initialized

[ 1.681197] pva 16000000.pva0: initialized

[ 1.713555] pva 16800000.pva1: initialized

[ 1.745235] nvdla 15880000.nvdla0: initialized

[ 1.776412] nvdla 158c0000.nvdla1: initialized

[ 1.780915] tegra-slvs-ec 15ac0000.slvs-ec: initialized

[ 1.781112] tegra-slvs-ec 15ac0000.slvs-ec: no streams defined

[ 1.781202] tegra-slvs-ec 15ac0000.slvs-ec: failed to init SLVS media controller (-19)

[ 1.781283] tegra-slvs-ec 15ac0000.slvs-ec: probed

[ 1.782697] tegradccommon 15200000.dc\_common: host1x channel mapped

[ 1.782760] tegradccommon 15200000.dc\_common: dc\_common syncpt # 1 allocated

[ 1.782857] tegradccommon 15200000.dc\_common: dma mapping done

[ 1.784478] tegradc 15200000.nvdisplay: disp0 connected to head0->/host1x/sor2

[ 1.784639] generic\_infoframe\_type: 0x87

[ 1.784807] tegradc 15200000.nvdisplay: DT parsed successfully

[ 1.784898] tegradc 15200000.nvdisplay: Display dc.ffffff800bd10000 registered with id=0

[ 1.792971] tegra\_nvdisp\_bandwidth\_register\_max\_config: max config iso bw = 15681600 KB/s

[ 1.793062] tegra\_nvdisp\_bandwidth\_register\_max\_config: max config EMC floor = 1066500000 Hz

[ 1.793122] tegra\_nvdisp\_bandwidth\_register\_max\_config: max config hubclk = 358400000 Hz

[ 1.793476] tegradc 15200000.nvdisplay: vblank syncpt # 8 for dc 0

[ 1.793524] tegradc 15200000.nvdisplay: vpulse3 syncpt # 9 for dc 0

[ 1.795203] tegradc 15200000.nvdisplay: Bootloader disp\_param detected. Detected mode: 1920x1080 (on 0x0mm) pclk=148350937

[ 1.796797] tegra-adma 2930000.adma: Tegra210 ADMA driver registered 16 channels

[ 1.798215] tegra-fuse-burn 3820000.efuse:efuse-burn: Fuse burn driver initialized

[ 1.798920] kfuse 3830000.kfuse: initialized

[ 1.798969] tegradc 15200000.nvdisplay: hdmi: invalid prod list prod\_list\_hdmi\_board

[ 1.799033] tegradc 15200000.nvdisplay: hdmi: tegra\_hdmi\_tmds\_range\_read(bd) failed

[ 1.804002] tegradc 15200000.nvdisplay: probed

[ 1.815743] Serial: 8250/16550 driver, 4 ports, IRQ sharing disabled

[ 1.819437] 3100000.serial: ttyTHS0 at MMIO 0x3100000 (irq = 49, base\_baud = 0) is a TEGRA\_UART

[ 1.820930] 3110000.serial: ttyTHS1 at MMIO 0x3110000 (irq = 50, base\_baud = 0) is a TEGRA\_UART

[ 1.822462] 3140000.serial: ttyTHS4 at MMIO 0x3140000 (irq = 51, base\_baud = 0) is a TEGRA\_UART

[ 4.288882] console [ttyTCU0] enabled

[ 4.289504] [drm] Initialized

[ 4.289543] Console: switching to colour frame buffer device 240x67

[ 4.301793] tegradc 15200000.nvdisplay: fb registered

[ 4.307319] gpio tegra-gpio wake71 for gpio=98(M:2)

[ 4.312889] tegra\_nvdisp\_handle\_pd\_enable: Unpowergated Head0 pd

[ 4.317896] tegra\_nvdisp\_handle\_pd\_enable: Unpowergated Head1 pd

[ 4.320919] brd: module loaded

[ 4.329447] loop: module loaded

[ 4.330181] tegra\_profiler: version: 1.132, samples/io: 46/26

[ 4.335991] tegra\_profiler: auth: init

[ 4.340200] nct1008\_nct72 4-004c: starting parse dt

[ 4.340586] THERMAL EST: found 3 subdevs

[ 4.340590] THERMAL EST num\_resources: 0

[ 4.340594] [THERMAL EST subdev 0]

[ 4.340599] [THERMAL EST subdev 1]

[ 4.340603] [THERMAL EST subdev 2]

[ 4.341144] thermal thermal\_zone7: Registering thermal zone thermal\_zone7 for type thermal-fan-est

[ 4.341147] THERMAL EST: thz register success.

[ 4.341395] THERMAL EST: end of probe, return err: 0

[ 4.341431] Parent Clock set for DC plld3

[ 4.346654] ufs\_tegra 2450000.ufshci: freq-table-hz property not specified

[ 4.346666] ufs\_tegra 2450000.ufshci: ufshcd\_populate\_vreg: Unable to find vdd-hba-supply regulator, assuming enabled

[ 4.347630] ufs\_tegra 2450000.ufshci: wakeup init done, cdirq 458

[ 4.347643] gpio tegra-gpio-aon wake25 for gpio=32(EE:0)

[ 4.362240] scsi host0: ufshcd

[ 4.374963] hisi\_sas: driver version v1.6

[ 4.380440] libphy: Fixed MDIO Bus: probed

[ 4.382449] tun: Universal TUN/TAP device driver, 1.6

[ 4.382452] tun: (C) 1999-2004 Max Krasnyansky <maxk@qualcomm.com>

[ 4.383387] e1000e: Intel(R) PRO/1000 Network Driver - 3.2.6-k

[ 4.383390] e1000e: Copyright(c) 1999 - 2015 Intel Corporation.

[ 4.383462] igb: Intel(R) Gigabit Ethernet Network Driver - version 5.4.0-k

[ 4.383464] igb: Copyright (c) 2007-2014 Intel Corporation.

[ 4.383519] igbvf: Intel(R) Gigabit Virtual Function Network Driver - version 2.4.0-k

[ 4.383521] igbvf: Copyright (c) 2009 - 2012 Intel Corporation.

[ 4.383574] Intel(R) 10GbE PCI Express Linux Network Driver - version 4.6.4

[ 4.383576] Copyright(c) 1999 - 2017 Intel Corporation.

[ 4.385166] eqos 2490000.ether\_qos: no PHY interrupt found

[ 4.389241] eqos 2490000.ether\_qos: Setting local MAC: 0 4 4b cb 92 4c

[ 4.389373] libphy: dwc\_phy: probed

[ 4.393844] tegradc 15200000.nvdisplay: hdmi: tmds rate:148351K prod-setting:prod\_c\_hdmi\_111m\_223m

[ 4.394436] tegradc 15200000.nvdisplay: hdmi: get RGB quant from REG programmed by BL.

[ 4.394450] tegradc 15200000.nvdisplay: hdmi: get YCC quant from REG programmed by BL.

[ 4.395089] extcon-disp-state external-connection:disp-state: cable 48 state 1

[ 4.395092] Extcon AUX2(HDMI) enable

[ 4.395900] Could not get extcon-dev /host1x/nvdisplay@15210000:typec0(0)

[ 4.396447] Could not get extcon-dev /host1x/nvdisplay@15220000:typec1(1)

[ 4.397161] PPP generic driver version 2.4.2

[ 4.397530] PPP BSD Compression module registered

[ 4.397533] PPP Deflate Compression module registered

[ 4.397549] PPP MPPE Compression module registered

[ 4.397555] NET: Registered protocol family 24

[ 4.397689] usbcore: registered new interface driver r8152

[ 4.397815] usbcore: registered new interface driver asix

[ 4.397931] usbcore: registered new interface driver ax88179\_178a

[ 4.398026] usbcore: registered new interface driver cdc\_ether

[ 4.398076] usbcore: registered new interface driver net1080

[ 4.398112] usbcore: registered new interface driver cdc\_subset

[ 4.398152] usbcore: registered new interface driver zaurus

[ 4.398207] usbcore: registered new interface driver cdc\_ncm

[ 4.398620] VFIO - User Level meta-driver version: 0.3

[ 4.400337] ehci\_hcd: USB 2.0 'Enhanced' Host Controller (EHCI) Driver

[ 4.400353] ehci-pci: EHCI PCI platform driver

[ 4.400477] ohci\_hcd: USB 1.1 'Open' Host Controller (OHCI) Driver

[ 4.400488] ohci-pci: OHCI PCI platform driver

[ 4.400637] ohci-platform: OHCI generic platform driver

[ 4.408911] tegra-xusb 3610000.xhci: USB2 port 0 has OTG\_CAP

[ 4.408917] tegra-xusb 3610000.xhci: USB3 port 2 has OTG\_CAP

[ 4.412239] Could not get extcon-dev /xhci@3610000:id(0)

[ 4.415786] usbcore: registered new interface driver uas

[ 4.415846] usbcore: registered new interface driver usb-storage

[ 4.415964] usbcore: registered new interface driver usbserial

[ 4.420116] tegra-xudc-new 3550000.xudc: PMQOS CPU boost enabled

[ 4.420171] Could not get extcon-dev /xudc@3550000:vbus(0)

[ 4.423300] ucsi\_ccg 1-0008: FW1 Version: gn v12.05, [Base 3.1.2.1487]

[ 4.423310] ucsi\_ccg 1-0008: FW2 Version: gn v12.05, [Base 3.1.2.1487]

[ 4.424426] ucsi\_ccg 1-0008: fw\_mode: 2

[ 4.424431] ucsi\_ccg 1-0008: fw1\_invalid: 0

[ 4.424435] ucsi\_ccg 1-0008: fw2\_invalid: 0

[ 4.424441] ucsi\_ccg 1-0008: silicon\_id: 0x1f00

[ 4.424719] ucsi\_ccg 1-0008: typec-port0 extcon dev created

[ 4.424916] ucsi\_ccg 1-0008: typec-port1 extcon dev created

[ 4.425072] ucsi\_ccg 1-0008: typec-pd extcon dev created

[ 4.425291] gpio tegra-gpio-aon wake48 for gpio=10(BB:2)

[ 4.427219] ucsi\_ccg 1-0008: [typec-port0] Cable state:1, cable id:1

[ 4.431203] ucsi\_ccg 1-0008: HPI Command Success.

[ 4.433883] ucsi\_ccg 1-0008: HPI Command Success.

[ 4.433908] ucsi\_ccg 1-0008: ucsi\_ccg\_init: complete

[ 4.434713] mousedev: PS/2 mouse device common for all mice

[ 4.434845] usbcore: registered new interface driver xpad

[ 4.565285] max77686-rtc max77620-rtc: rtc core: registered max77620-rtc as rtc0

[ 4.567240] Wake73 for irq=42

[ 4.568690] rtc rtc1: alarm rtc device

[ 4.568712] tegra\_rtc c2a0000.rtc: rtc core: registered c2a0000.rtc as rtc1

[ 4.568734] tegra\_rtc c2a0000.rtc: Tegra internal Real Time Clock

[ 4.569053] i2c /dev entries driver

[ 4.572949] max77620-power max20024-power: Event recorder REG\_NVERC : 0x44

[ 4.578173] tegra-bpmp-thermal d000000.bpmp:bpmpthermal: zone 0 not supported

[ 4.578617] tegra-bpmp-thermal d000000.bpmp:bpmpthermal: zone 2 not supported

[ 4.581490] tegra-thermal-throttle bthrot\_cdev: clk:cpu max:2265600000, min:115200000 steps:28

[ 4.635815] tegra-thermal-throttle bthrot\_cdev: clk:gpu max:1377000000, min:114750000 steps:13

[ 4.635923] tegra-thermal-throttle bthrot\_cdev: cdev:skin-balanced clk:0:cpu off:0 slope-adj:200

[ 4.635928] tegra-thermal-throttle bthrot\_cdev: cdev:skin-balanced clk:1:gpu off:0 slope-adj:400

[ 4.636213] tegra-thermal-throttle bthrot\_cdev: cdev:skin-balanced max\_state:56 cutoff:0

[ 4.636275] tegra-thermal-throttle bthrot\_cdev: cdev:gpu-balanced clk:0:cpu off:0 slope-adj:400

[ 4.636281] tegra-thermal-throttle bthrot\_cdev: cdev:gpu-balanced clk:1:gpu off:0 slope-adj:400

[ 4.636664] tegra-thermal-throttle bthrot\_cdev: cdev:gpu-balanced max\_state:52 cutoff:1

[ 4.636756] tegra-thermal-throttle bthrot\_cdev: cdev:cpu-balanced clk:0:cpu off:0 slope-adj:200

[ 4.636762] tegra-thermal-throttle bthrot\_cdev: cdev:cpu-balanced clk:1:gpu off:365500000 slope-adj:300

[ 4.637160] tegra-thermal-throttle bthrot\_cdev: cdev:cpu-balanced max\_state:56 cutoff:0

[ 4.637270] tegra-thermal-throttle bthrot\_cdev: cdev:emergency-balanced clk:0:cpu off:38400000 slope-adj:10

[ 4.637307] tegra-thermal-throttle bthrot\_cdev: cdev:emergency-balanced clk:1:gpu off:25500000 slope-adj:10

[ 4.637726] tegra-thermal-throttle bthrot\_cdev: cdev:emergency-balanced max\_state:2 cutoff:0

[ 4.637776] tegra-thermal-throttle bthrot\_cdev: cdev:aux-balanced clk:0:cpu off:0 slope-adj:400

[ 4.637781] tegra-thermal-throttle bthrot\_cdev: cdev:aux-balanced clk:1:gpu off:0 slope-adj:400

[ 4.638154] tegra-thermal-throttle bthrot\_cdev: cdev:aux-balanced max\_state:52 cutoff:1

[ 4.639088] FAN dev name: pwm-fan

[ 4.639159] FAN:gpio request success.

[ 4.639170] FAN: can't find tach\_gpio

[ 4.639233] pwm\_fan\_driver pwm-fan: cap state:7, cap pwm:255

[ 4.639616] pwm\_fan\_driver pwm-fan: got pwm for fan. polarity is normal

[ 4.639621] pwm\_fan\_driver pwm-fan: tach period: 1000

[ 4.639976] pwm\_fan\_driver pwm-fan: index 0: pwm=0, rpm=0, rru=40, rrd=40, state:2

[ 4.639981] pwm\_fan\_driver pwm-fan: index 1: pwm=77, rpm=1000, rru=2, rrd=2, state:2

[ 4.639986] pwm\_fan\_driver pwm-fan: index 2: pwm=120, rpm=2000, rru=1, rrd=1, state:2

[ 4.639991] pwm\_fan\_driver pwm-fan: index 3: pwm=160, rpm=3000, rru=1, rrd=1, state:2

[ 4.639995] pwm\_fan\_driver pwm-fan: index 4: pwm=255, rpm=4000, rru=1, rrd=1, state:3

[ 4.639999] pwm\_fan\_driver pwm-fan: index 5: pwm=255, rpm=5000, rru=1, rrd=1, state:3

[ 4.640003] pwm\_fan\_driver pwm-fan: index 6: pwm=255, rpm=6000, rru=1, rrd=1, state:3

[ 4.640008] pwm\_fan\_driver pwm-fan: index 7: pwm=255, rpm=7000, rru=1, rrd=1, state:4

[ 4.640013] pwm\_fan\_driver pwm-fan: index 8: pwm=255, rpm=10000, rru=1, rrd=1, state:4

[ 4.640018] pwm\_fan\_driver pwm-fan: index 9: pwm=255, rpm=11000, rru=1, rrd=1, state:4

[ 4.641086] device-mapper: uevent: version 1.0.3

[ 4.641824] device-mapper: ioctl: 4.35.0-ioctl (2016-06-23) initialised: dm-devel@redhat.com

[ 4.653662] tegra194\_cpufreq\_probe: platform driver Initialization: pass

[ 4.658979] cpuidle: Initializing cpuidle driver

[ 4.670481] sdhci: Secure Digital Host Controller Interface driver

[ 4.670482] sdhci: Copyright(c) Pierre Ossman

[ 4.670483] sdhci-pltfm: SDHCI platform and OF driver helper

[ 4.672082] sdhci-tegra 3460000.sdhci: Client registration for eMC Successful

[ 4.673991] CMDQ: cmdq\_platfm\_init successful

[ 4.674535] sdhci-tegra 3400000.sdhci: Got CD GPIO

[ 4.676056] sdhci-tegra 3400000.sdhci: Client registration for eMC Successful

[ 4.677541] sdhci-tegra 3400000.sdhci: wakeup init done, cdirq 253

[ 4.681555] tegra-se-elp 3ad0000.se\_elp: tegra\_se\_elp\_probe: complete

[ 4.682515] tegra-se-nvhost 15810000.se: initialized

[ 4.683498] tegra-se-nvhost 15810000.se: tegra\_se\_probe: complete

[ 4.684185] tegra-se-nvhost 15820000.se: initialized

[ 4.685250] tegra-se-nvhost 15820000.se: tegra\_se\_probe: complete

[ 4.686032] tegra-se-nvhost 15830000.se: initialized

[ 4.686647] tegra-se-nvhost 15830000.se: tegra\_se\_probe: complete

[ 4.687423] tegra-se-nvhost 15840000.se: initialized

[ 4.688310] tegra-se-nvhost 15840000.se: tegra\_se\_probe: complete

[ 4.688495] hidraw: raw HID events driver (C) Jiri Kosina

[ 4.689619] usbcore: registered new interface driver usbhid

[ 4.689620] usbhid: USB HID core driver

[ 4.695905] tegra186-cam-rtcpu bc00000.rtcpu: deferring, 14800000.isp is not probed

[ 4.696904] tegra\_aon c1a0000.aon: tegra aon driver probe OK

[ 4.697280] tegra186-aondbg aondbg: aondbg driver probe() OK

[ 4.697726] denver\_knobs\_init:MTS\_VERSION:44201972

[ 4.697937] tegra19x\_actmon d230000.actmon: in actmon\_register()...

[ 4.698738] tegra19x\_actmon d230000.actmon: initialization Completed for the device mc\_all

[ 4.699091] t19x\_cache tegra-cache: probed

[ 4.705153] misc nvmap: cvsram :dma coherent mem declare 0x0000000050000000,4194304

[ 4.705158] misc nvmap: created heap cvsram base 0x0000000050000000 size (4096KiB)

[ 4.707128] nvpmodel: initialized successfully

[ 4.708181] tegra-hda 3510000.hda: Override SDO lines to 4

[ 4.708487] usbcore: registered new interface driver snd-usb-audio

[ 4.722269] mmc0: SDHCI controller on 3460000.sdhci [3460000.sdhci] using ADMA 64-bit with 64 bit addr

[ 4.722427] gpio tegra-gpio wake8 for gpio=55(G:7)

[ 4.722471] mmc1: SDHCI controller on 3400000.sdhci [3400000.sdhci] using ADMA 64-bit with 64 bit addr

[ 4.727666] input: tegra-hda-galen-t194 HDMI/DP,pcm=3 as /devices/3510000.hda/sound/card0/input0

[ 4.727860] input: tegra-hda-galen-t194 HDMI/DP,pcm=7 as /devices/3510000.hda/sound/card0/input1

[ 4.728038] input: tegra-hda-galen-t194 HDMI/DP,pcm=8 as /devices/3510000.hda/sound/card0/input2

[ 4.728213] input: tegra-hda-galen-t194 HDMI/DP,pcm=9 as /devices/3510000.hda/sound/card0/input3

[ 4.808109] mmc0: mmc\_decode\_ext\_csd: CMDQ supported: depth: 31, cmdq\_support: 1

[ 4.819725] mmc0: periodic cache flush enabled

[ 4.819734] mmc0: new HS400 Enhanced strobe MMC card at address 0001

[ 4.820280] mmcblk0: mmc0:0001 HBG4a2 29.1 GiB

[ 4.820525] mmcblk0boot0: mmc0:0001 HBG4a2 partition 1 8.00 MiB

[ 4.820710] mmcblk0boot1: mmc0:0001 HBG4a2 partition 2 8.00 MiB

[ 4.820943] mmcblk0rpmb: mmc0:0001 HBG4a2 partition 3 4.00 MiB

[ 4.823900] 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

[ 5.414016] tegradc 15200000.nvdisplay: blank - powerdown

[ 5.414126] nct1008\_nct72 4-004c: !!!Found deprecated property!!!

[ 5.414132] nct1008\_nct72 4-004c: success parsing dt

[ 5.414295] nct1008\_nct72 4-004c: success in enabling tmp451 VDD rail

[ 5.450714] nct1008\_nct72 4-004c: LOC shutdown limit 107

[ 5.451937] nct1008\_nct72 4-004c: EXT shutdown limit 109

[ 5.461713] extcon-disp-state external-connection:disp-state: cable 48 state 0

[ 5.461715] Extcon AUX2(HDMI) disable

[ 5.484306] tegra\_nvdisp\_handle\_pd\_disable: Powergated Head1 pd

[ 5.484736] tegra\_nvdisp\_handle\_pd\_disable: Powergated Head0 pd

[ 5.485750] nct1008\_nct72 4-004c: initial LOC temp: 43000

[ 5.486275] nct1008\_nct72 4-004c: initial EXT temp: 56000

[ 5.487344] nct1008\_nct72 4-004c: hi\_b:-10, lo\_b:128

[ 5.488208] nct1008\_nct72 4-004c: nct1008\_probe: initialized

[ 5.496370] tegradc 15200000.nvdisplay: unblank

[ 5.497234] tegra\_nvdisp\_handle\_pd\_enable: Unpowergated Head0 pd

[ 5.497343] tegra\_nvdisp\_handle\_pd\_enable: Unpowergated Head1 pd

[ 5.499852] Parent Clock set for DC plld3

[ 5.503937] tegradc 15200000.nvdisplay: hdmi: tmds rate:148500K prod-setting:prod\_c\_hdmi\_111m\_223m

[ 5.505191] tegradc 15200000.nvdisplay: hdmi: get RGB quant from EDID.

[ 5.505224] tegradc 15200000.nvdisplay: hdmi: get YCC quant from EDID.

[ 5.508988] extcon-disp-state external-connection:disp-state: cable 48 state 1

[ 5.508989] Extcon AUX2(HDMI) enable

[ 6.512463] gpio tegra-gpio wake12 for gpio=149(S:5)

[ 6.602572] OPE platform probe

[ 6.602705] OPE platform probe successful

[ 6.734754] tegra-asoc: sound: ADMAIF1 <-> ADMAIF1 mapping ok

[ 6.734836] tegra-asoc: sound: ADMAIF2 <-> ADMAIF2 mapping ok

[ 6.734905] tegra-asoc: sound: ADMAIF3 <-> ADMAIF3 mapping ok

[ 6.734971] tegra-asoc: sound: ADMAIF4 <-> ADMAIF4 mapping ok

[ 6.735070] tegra-asoc: sound: ADMAIF5 <-> ADMAIF5 mapping ok

[ 6.735155] tegra-asoc: sound: ADMAIF6 <-> ADMAIF6 mapping ok

[ 6.735258] tegra-asoc: sound: ADMAIF7 <-> ADMAIF7 mapping ok

[ 6.735324] tegra-asoc: sound: ADMAIF8 <-> ADMAIF8 mapping ok

[ 6.735396] tegra-asoc: sound: ADMAIF9 <-> ADMAIF9 mapping ok

[ 6.735465] tegra-asoc: sound: ADMAIF10 <-> ADMAIF10 mapping ok

[ 6.735529] tegra-asoc: sound: ADMAIF11 <-> ADMAIF11 mapping ok

[ 6.735628] tegra-asoc: sound: ADMAIF12 <-> ADMAIF12 mapping ok

[ 6.735731] tegra-asoc: sound: ADMAIF13 <-> ADMAIF13 mapping ok

[ 6.735798] tegra-asoc: sound: ADMAIF14 <-> ADMAIF14 mapping ok

[ 6.735861] tegra-asoc: sound: ADMAIF15 <-> ADMAIF15 mapping ok

[ 6.735930] tegra-asoc: sound: ADMAIF16 <-> ADMAIF16 mapping ok

[ 6.735997] tegra-asoc: sound: ADMAIF17 <-> ADMAIF17 mapping ok

[ 6.736098] tegra-asoc: sound: ADMAIF18 <-> ADMAIF18 mapping ok

[ 6.736181] tegra-asoc: sound: ADMAIF19 <-> ADMAIF19 mapping ok

[ 6.736255] tegra-asoc: sound: ADMAIF20 <-> ADMAIF20 mapping ok

[ 6.778590] input: tegra-snd-t19x-mobile-rt565x Headset Jack as /devices/sound/sound/card1/input4

[ 6.779804] u32 classifier

[ 6.779805] Actions configured

[ 6.779862] Initializing XFRM netlink socket

[ 6.780337] NET: Registered protocol family 10

[ 6.781073] NET: Registered protocol family 17

[ 6.781085] NET: Registered protocol family 15

[ 6.781130] bridge: filtering via arp/ip/ip6tables is no longer available by default. Update your scripts to load br\_netfilter if you need this.

[ 6.781212] Bluetooth: RFCOMM socket layer initialized

[ 6.781222] Bluetooth: RFCOMM ver 1.11

[ 6.781226] Bluetooth: HIDP (Human Interface Emulation) ver 1.2

[ 6.781229] Bluetooth: HIDP socket layer initialized

[ 6.781242] 9pnet: Installing 9P2000 support

[ 6.781274] Key type dns\_resolver registered

[ 6.781476] Registered cp15\_barrier emulation handler

[ 6.781557] Registered setend emulation handler

[ 6.782813] registered taskstats version 1

[ 6.783416] nvidia,max-speed is 3 | PCIE: 1: Gen1, 2: Gen2, 3: Gen3

[ 6.783416] tegra-pcie-dw 141a0000.pcie\_ep: Setting init speed to max speed

[ 6.784609] nvidia,max-speed is 4 | PCIE: 1: Gen1, 2: Gen2, 3: Gen3

[ 6.784609] tegra-pcie-dw 14180000.pcie: Setting init speed to max speed

[ 6.785462] OF: PCI: host bridge /pcie@14180000 ranges:

[ 6.785475] OF: PCI: IO 0x38100000..0x381fffff -> 0x38100000

[ 6.785480] OF: PCI: MEM 0x38200000..0x39ffffff -> 0x38200000

[ 6.785501] OF: PCI: MEM 0x1800000000..0x1bffffffff -> 0x1800000000

[ 7.298113] tegra-pcie-dw 14180000.pcie: link is down

[ 7.298370] tegra-pcie-dw 14180000.pcie: PCI host bridge to bus 0000:00

[ 7.298375] pci\_bus 0000:00: root bus resource [bus 00-ff]

[ 7.298397] pci\_bus 0000:00: root bus resource [io 0x0000-0xfffff] (bus address [0x38100000-0x381fffff])

[ 7.298399] pci\_bus 0000:00: root bus resource [mem 0x38200000-0x39ffffff]

[ 7.298401] pci\_bus 0000:00: root bus resource [mem 0x1800000000-0x1bffffffff pref]

[ 7.298446] pci 0000:00:00.0: [10de:1ad0] type 01 class 0x060400

[ 7.298619] pci 0000:00:00.0: PME# supported from D0 D3hot D3cold

[ 7.298893] iommu: Adding device 0000:00:00.0 to group 61

[ 7.299236] pci 0000:00:00.0: PCI bridge to [bus 01-ff]

[ 7.299272] pci 0000:00:00.0: Max Payload Size set to 256/ 256 (was 256), Max Read Rq 512

[ 7.299554] pcieport 0000:00:00.0: Signaling PME through PCIe PME interrupt

[ 7.299558] pcie\_pme 0000:00:00.0:pcie001: service driver pcie\_pme loaded

[ 7.299721] aer 0000:00:00.0:pcie002: service driver aer loaded

[ 7.299872] pcie\_pme 0000:00:00.0:pcie001: unloading service driver pcie\_pme

[ 7.299942] aer 0000:00:00.0:pcie002: unloading service driver aer

[ 7.300012] pci\_bus 0000:01: busn\_res: [bus 01-ff] is released

[ 7.300082] iommu: Removing device 0000:00:00.0 from group 61

[ 7.300106] pci\_bus 0000:00: busn\_res: [bus 00-ff] is released

[ 7.300338] tegra-pcie-dw 14180000.pcie: PCIe link is not up...!

[ 7.300854] nvidia,max-speed is 2 | PCIE: 1: Gen1, 2: Gen2, 3: Gen3

[ 7.300854] tegra-pcie-dw 14100000.pcie: Setting init speed to max speed

[ 7.301815] OF: PCI: host bridge /pcie@14100000 ranges:

[ 7.301826] OF: PCI: IO 0x30100000..0x301fffff -> 0x30100000

[ 7.301831] OF: PCI: MEM 0x30200000..0x31ffffff -> 0x30200000

[ 7.301834] OF: PCI: MEM 0x1200000000..0x123fffffff -> 0x1200000000

[ 7.410300] tegra-pcie-dw 14100000.pcie: link is up

[ 7.410543] tegra-pcie-dw 14100000.pcie: PCI host bridge to bus 0001:00

[ 7.410547] pci\_bus 0001:00: root bus resource [bus 00-ff]

[ 7.410551] pci\_bus 0001:00: root bus resource [io 0x100000-0x1fffff] (bus address [0x30100000-0x301fffff])

[ 7.410553] pci\_bus 0001:00: root bus resource [mem 0x30200000-0x31ffffff]

[ 7.410555] pci\_bus 0001:00: root bus resource [mem 0x1200000000-0x123fffffff pref]

[ 7.410593] pci 0001:00:00.0: [10de:1ad2] type 01 class 0x060400

[ 7.410731] pci 0001:00:00.0: PME# supported from D0 D3hot D3cold

[ 7.410950] iommu: Adding device 0001:00:00.0 to group 61

[ 7.411315] pci 0001:01:00.0: [1b4b:9171] type 00 class 0x010601

[ 7.411443] pci 0001:01:00.0: reg 0x10: [io 0x8000-0x8007]

[ 7.411504] pci 0001:01:00.0: reg 0x14: [io 0x8040-0x8043]

[ 7.411581] pci 0001:01:00.0: reg 0x18: [io 0x8100-0x8107]

[ 7.411642] pci 0001:01:00.0: reg 0x1c: [io 0x8140-0x8143]

[ 7.411702] pci 0001:01:00.0: reg 0x20: [io 0x800000-0x80000f]

[ 7.411778] pci 0001:01:00.0: reg 0x24: [mem 0x00900000-0x009001ff]

[ 7.411839] pci 0001:01:00.0: reg 0x30: [mem 0xd0000000-0xd000ffff pref]

[ 7.412176] pci 0001:01:00.0: PME# supported from D3hot

[ 7.412418] iommu: Adding device 0001:01:00.0 to group 62

[ 7.423000] pci 0001:00:00.0: BAR 14: assigned [mem 0x30200000-0x302fffff]

[ 7.423003] pci 0001:00:00.0: BAR 13: assigned [io 0x100000-0x100fff]

[ 7.423007] pci 0001:01:00.0: BAR 6: assigned [mem 0x30200000-0x3020ffff pref]

[ 7.423026] pci 0001:01:00.0: BAR 5: assigned [mem 0x30210000-0x302101ff]

[ 7.423045] pci 0001:01:00.0: BAR 4: assigned [io 0x100000-0x10000f]

[ 7.423064] pci 0001:01:00.0: BAR 0: assigned [io 0x100010-0x100017]

[ 7.423082] pci 0001:01:00.0: BAR 2: assigned [io 0x100018-0x10001f]

[ 7.423119] pci 0001:01:00.0: BAR 1: assigned [io 0x100020-0x100023]

[ 7.423138] pci 0001:01:00.0: BAR 3: assigned [io 0x100024-0x100027]

[ 7.423158] pci 0001:00:00.0: PCI bridge to [bus 01-ff]

[ 7.423161] pci 0001:00:00.0: bridge window [io 0x100000-0x100fff]

[ 7.423166] pci 0001:00:00.0: bridge window [mem 0x30200000-0x302fffff]

[ 7.423197] pci 0001:00:00.0: Max Payload Size set to 256/ 256 (was 256), Max Read Rq 512

[ 7.423240] pci 0001:01:00.0: Max Payload Size set to 256/ 512 (was 128), Max Read Rq 512

[ 7.423550] pcieport 0001:00:00.0: Signaling PME through PCIe PME interrupt

[ 7.423552] pci 0001:01:00.0: Signaling PME through PCIe PME interrupt

[ 7.423555] pcie\_pme 0001:00:00.0:pcie001: service driver pcie\_pme loaded

[ 7.423666] aer 0001:00:00.0:pcie002: service driver aer loaded

[ 7.423947] ahci 0001:01:00.0: version 3.0

[ 7.424254] ahci 0001:01:00.0: AHCI 0001.0000 32 slots 1 ports 6 Gbps 0x1 impl SATA mode

[ 7.424305] ahci 0001:01:00.0: flags: 64bit ncq sntf led only pmp fbs pio slum part sxs

[ 7.425002] scsi host1: ahci

[ 7.425203] ata1: SATA max UDMA/133 abar m512@0x30210000 port 0x30210100 irq 562

[ 7.425331] nvidia,max-speed is 4 | PCIE: 1: Gen1, 2: Gen2, 3: Gen3

[ 7.425331] tegra-pcie-dw 14140000.pcie: Setting init speed to max speed

[ 7.426067] OF: PCI: host bridge /pcie@14140000 ranges:

[ 7.426081] OF: PCI: IO 0x34100000..0x341fffff -> 0x34100000

[ 7.426086] OF: PCI: MEM 0x34200000..0x35ffffff -> 0x34200000

[ 7.426089] OF: PCI: MEM 0x1280000000..0x12bfffffff -> 0x1280000000

[ 7.739616] ata1: SATA link down (SStatus 0 SControl 300)

[ 7.937294] tegra-pcie-dw 14140000.pcie: link is down

[ 7.937524] tegra-pcie-dw 14140000.pcie: PCI host bridge to bus 0003:00

[ 7.937528] pci\_bus 0003:00: root bus resource [bus 00-ff]

[ 7.937532] pci\_bus 0003:00: root bus resource [io 0x200000-0x2fffff] (bus address [0x34100000-0x341fffff])

[ 7.937534] pci\_bus 0003:00: root bus resource [mem 0x34200000-0x35ffffff]

[ 7.937536] pci\_bus 0003:00: root bus resource [mem 0x1280000000-0x12bfffffff pref]

[ 7.937559] pci 0003:00:00.0: [10de:1ad2] type 01 class 0x060400

[ 7.937706] pci 0003:00:00.0: PME# supported from D0 D3hot D3cold

[ 7.937953] iommu: Adding device 0003:00:00.0 to group 63

[ 7.938290] pci 0003:00:00.0: PCI bridge to [bus 01-ff]

[ 7.938326] pci 0003:00:00.0: Max Payload Size set to 256/ 256 (was 256), Max Read Rq 512

[ 7.938552] pcieport 0003:00:00.0: Signaling PME through PCIe PME interrupt

[ 7.938557] pcie\_pme 0003:00:00.0:pcie001: service driver pcie\_pme loaded

[ 7.938680] aer 0003:00:00.0:pcie002: service driver aer loaded

[ 7.938872] pcie\_pme 0003:00:00.0:pcie001: unloading service driver pcie\_pme

[ 7.938956] aer 0003:00:00.0:pcie002: unloading service driver aer

[ 7.939078] pci\_bus 0003:01: busn\_res: [bus 01-ff] is released

[ 7.939190] iommu: Removing device 0003:00:00.0 from group 63

[ 7.939244] pci\_bus 0003:00: busn\_res: [bus 00-ff] is released

[ 7.939503] tegra-pcie-dw 14140000.pcie: PCIe link is not up...!

[ 8.006822] tegra-cbb 14040000.cv-noc: noc\_secure\_irq = 97, noc\_nonsecure\_irq = 96>

[ 8.176118] tegra194-isp5 14800000.isp: initialized

[ 8.268281] extcon-disp-state external-connection:disp-state: cable 40 state 1

[ 8.275781] Extcon HDMI: HPD enabled

[ 8.279035] tegradc 15200000.nvdisplay: hdmi: plugged

[ 8.285625] tegra194-vi5 15c10000.vi: initialized

[ 8.294531] tegra194-vi5 15c10000.vi: ep of\_device is not enabled /host1x/vi@15c10000/ports/port@0/endpoint.

[ 8.298968] tegra194-vi5 15c10000.vi: ep of\_device is not enabled /host1x/vi@15c10000/ports/port@1/endpoint.

[ 8.309773] tegradc 15210000.nvdisplay: disp1 connected to head1->/host1x/sor

[ 8.311686] tegra-xusb 3610000.xhci: USB2 port 0 has OTG\_CAP

[ 8.311689] tegra-xusb 3610000.xhci: USB3 port 2 has OTG\_CAP

[ 8.314327] tegra-xusb 3610000.xhci: extcon 0: ffffffc3dab1a000 id

[ 8.315007] tegra-xudc-new 3550000.xudc: PMQOS CPU boost enabled

[ 8.315033] tegra-xudc-new 3550000.xudc: device count: 1

[ 8.315137] tegra-xusb 3610000.xhci: Direct firmware load for tegra19x\_xusb\_firmware failed with error -2

[ 8.315139] tegra-xusb 3610000.xhci: Falling back to user helper

[ 8.315844] tegra-xudc-new 3550000.xudc: vbus state: 1

[ 8.315856] tegra-xudc-new 3550000.xudc: device mode on: 0

[ 8.316025] tegra-xudc-new 3550000.xudc: active: 0 => 1

[ 8.316029] tegra-xudc-new 3550000.xudc: Initialize boost\_cpufreq work

[ 8.316774] tegra186-cam-rtcpu bc00000.rtcpu: Trace buffer configured at IOVA=0xbff00000

[ 8.389778] tegra-ivc ivc-bc00000.rtcpu: region 0: iova=0xbfee0000-0xbfefffff size=131072

[ 8.390232] tegra-ivc ivc-bc00000.rtcpu:echo@0: echo: ver=0 grp=1 RX[16x64]=0x1000-0x1480 TX[16x64]=0x1480-0x1900

[ 8.390482] tegra-ivc ivc-bc00000.rtcpu:dbg@1: dbg: ver=0 grp=1 RX[1x384]=0x1900-0x1b00 TX[1x384]=0x1b00-0x1d00

[ 8.390673] tegra-ivc ivc-bc00000.rtcpu:dbg@2: dbg: ver=0 grp=1 RX[1x8192]=0x1d00-0x3d80 TX[1x8192]=0x3d80-0x5e00

[ 8.391021] tegra-ivc ivc-bc00000.rtcpu:ivccontrol@3: ivccontrol: ver=0 grp=1 RX[64x320]=0x5e00-0xae80 TX[64x320]=0xae80-0xff00

[ 8.391122] tegra-ivc ivc-bc00000.rtcpu:ivccapture@4: ivccapture: ver=0 grp=1 RX[512x64]=0xff00-0x17f80 TX[512x64]=0x17f80-0x20000

[ 8.391382] tegra186-cam-rtcpu bc00000.rtcpu: using cam RTCPU IRQ (68)

[ 8.391383] tegra186-cam-rtcpu bc00000.rtcpu: tegra\_camrtc\_mon\_create is successful

[ 8.392276] tegra186-cam-rtcpu bc00000.rtcpu: firmware version cpu=rce cmd=5 sha1=cf2bef3ad10e437272857b76308abef8ffb80bda

[ 8.392704] gpio tegra-gpio wake67 for gpio=48(G:0)

[ 8.392797] gpio tegra-gpio-aon wake29 for gpio=36(EE:4)

[ 8.392927] input: gpio-keys as /devices/gpio-keys/input/input5

[ 8.429741] tegra\_rtc c2a0000.rtc: setting system clock to 2019-07-11 22:48:03 UTC (1562885283)

[ 8.430606] mmcblk mmc0:0001: Card claimed for testing.

[ 8.467358] bpmp: mounted debugfs mirror

[ 8.472413] vdd-1v8-cvb: disabling

[ 8.472416] vdd-1v8-sd: disabling

[ 8.472417] vdd-epb-1v0: disabling

[ 8.472419] avdd-cam-2v8: disabling

[ 8.472420] vdd-sata-1v5: disabling

[ 8.472421] vdd-3v3-slt: disabling

[ 8.472422] vdd-fan: disabling

[ 8.472423] vdd\_sys\_en: disabling

[ 8.472424] vdd-5v-sata: disabling

[ 8.472429] ALSA device list:

[ 8.472431] #0: tegra-hda-galen-t194 at 0x3518000 irq 67

[ 8.472432] #1: tegra-snd-t19x-mobile-rt565x

[ 8.556630] tegradc 15210000.nvdisplay: parse\_dp\_settings: No dp-lt-settings node

[ 8.564173] tegradc 15210000.nvdisplay: DT parsed successfully

[ 8.570169] tegradc 15210000.nvdisplay: Display dc.ffffff8011190000 registered with id=1

[ 8.578286] tegradc 15210000.nvdisplay: vblank syncpt # 15 for dc 1

[ 8.584359] tegradc 15210000.nvdisplay: vpulse3 syncpt # 16 for dc 1

[ 8.598668] tegradc 15210000.nvdisplay: probed

[ 8.619840] tegradc 15210000.nvdisplay: fb registered

[ 8.624484] hpd: state 7 (Takeover from bootloader), hpd 0, pending\_hpd\_evt 1

[ 8.625829] hpd: switching from state 7 (Takeover from bootloader) to state 0 (Reset)

[ 8.626578] tegradc 15220000.nvdisplay: disp2 connected to head2->/host1x/sor1

[ 8.626603] tegradc 15220000.nvdisplay: parse\_dp\_settings: No dp-lt-settings node

[ 8.626695] tegradc 15220000.nvdisplay: DT parsed successfully

[ 8.626741] tegradc 15220000.nvdisplay: Display dc.ffffff80112d0000 registered with id=2

[ 8.626912] tegradc 15220000.nvdisplay: vblank syncpt # 17 for dc 2

[ 8.626916] tegradc 15220000.nvdisplay: vpulse3 syncpt # 18 for dc 2

[ 8.656836] hpd: state 0 (Reset), hpd 0, pending\_hpd\_evt 0

[ 8.662169] tegradc 15210000.nvdisplay: blank - powerdown

[ 8.667514] extcon-disp-state external-connection:disp-state: cable 44 state 0 already set.

[ 8.675475] Extcon DP: HPD disabled

[ 8.679397] hpd: hpd\_switch 0

[ 8.682301] hpd: switching from state 0 (Reset) to state 1 (Check Plug)

[ 8.689285] hpd: state 1 (Check Plug), hpd 0, pending\_hpd\_evt 0

[ 8.695082] hpd: switching from state 1 (Check Plug) to state 3 (Disabled)

[ 8.702963] tegradc 15220000.nvdisplay: probed

[ 8.726438] tegradc 15220000.nvdisplay: fb registered

[ 8.731283] hpd: state 7 (Takeover from bootloader), hpd 0, pending\_hpd\_evt 1

[ 8.732716] hpd: switching from state 7 (Takeover from bootloader) to state 0 (Reset)

[ 8.734062] hpd: state 0 (Reset), hpd 0, pending\_hpd\_evt 0

[ 8.735380] tegradc 15220000.nvdisplay: blank - powerdown

[ 8.737819] extcon-disp-state external-connection:disp-state: cable 44 state 0 already set.

[ 8.743002] EXT4-fs (mmcblk0p1): mounted filesystem with ordered data mode. Opts: (null)

[ 8.743029] VFS: Mounted root (ext4 filesystem) on device 179:1.

[ 8.744437] devtmpfs: mounted

[ 8.745814] Freeing unused kernel memory: 8512K

[ 8.767402] Extcon DP: HPD disabled

[ 8.771162] hpd: hpd\_switch 0

[ 8.774039] hpd: switching from state 0 (Reset) to state 1 (Check Plug)

[ 8.780995] hpd: state 1 (Check Plug), hpd 0, pending\_hpd\_evt 0

[ 8.786596] hpd: switching from state 1 (Check Plug) to state 3 (Disabled)

[ 8.877601] ip\_tables: (C) 2000-2006 Netfilter Core Team

[ 8.881489] cgroup: cgroup2: unknown option "nsdelegate"

[ 8.891113] 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)

[ 8.894838] systemd[1]: Detected architecture arm64.

[ 8.910093] systemd[1]: Set hostname to <ebots-desktop>.

[ 8.978063] 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.

[ 8.979856] systemd[1]: Proceeding WITHOUT firewalling in effect! (This warning is only shown for the first loaded unit using IP firewalling.)

[ 9.103787] random: systemd: uninitialized urandom read (16 bytes read)

[ 9.105830] systemd[1]: Reached target User and Group Name Lookups.

[ 9.109824] random: systemd: uninitialized urandom read (16 bytes read)

[ 9.116960] systemd[1]: Created slice System Slice.

[ 9.120204] random: systemd: uninitialized urandom read (16 bytes read)

[ 9.122149] systemd[1]: Listening on RPCbind Server Activation Socket.

[ 9.125855] systemd[1]: Listening on Journal Audit Socket.

[ 9.129415] systemd[1]: Listening on Journal Socket.

[ 9.175923] gpio tegra-gpio wake44 for gpio=192(Y:0)

[ 9.222733] EXT4-fs (mmcblk0p1): re-mounted. Opts: (null)

[ 9.560949] nvgpu: 17000000.gv11b nvgpu\_nvhost\_syncpt\_init:291 [INFO] syncpt\_unit\_base 60000000 syncpt\_unit\_size 400000 size 1000

[ 9.561513] systemd-journald[2407]: Received request to flush runtime journal from PID 1

[ 10.098155] using random self ethernet address

[ 10.098157] using random host ethernet address

[ 10.141436] Mass Storage Function, version: 2009/09/11

[ 10.141444] LUN: removable file: (no medium)

[ 10.147034] using random self ethernet address

[ 10.147037] using random host ethernet address

[ 10.170015] rndis0: HOST MAC 02:3a:04:ea:a1:40

[ 10.170185] rndis0: MAC 02:3a:04:ea:a1:41

[ 10.170893] usb0: HOST MAC 02:3a:04:ea:a1:42

[ 10.170925] usb0: MAC 02:3a:04:ea:a1:43

[ 10.170949] tegra-xudc-new 3550000.xudc: ep 0 (type: 0, dir: out) enabled

[ 10.196809] l4tbr0: port 1(rndis0) entered blocking state

[ 10.196815] l4tbr0: port 1(rndis0) entered disabled state

[ 10.197010] device rndis0 entered promiscuous mode

[ 10.204679] IPv6: ADDRCONF(NETDEV\_UP): rndis0: link is not ready

[ 10.210991] l4tbr0: port 2(usb0) entered blocking state

[ 10.210996] l4tbr0: port 2(usb0) entered disabled state

[ 10.211500] device usb0 entered promiscuous mode

[ 10.217115] IPv6: ADDRCONF(NETDEV\_UP): usb0: link is not ready

[ 10.217123] l4tbr0: port 2(usb0) entered blocking state

[ 10.217126] l4tbr0: port 2(usb0) entered forwarding state

[ 10.295580] tegra-xusb 3610000.xhci: cannot find firmware....retry after 1 second

[ 10.361848] random: crng init done

[ 10.363339] bmi160 1-0069: nvs\_vregs\_init vdd err=-19

[ 10.363348] bmi160 1-0069: nvs\_vregs\_init vdd\_IO err=-19

[ 10.367383] random: 7 urandom warning(s) missed due to ratelimiting

[ 10.397864] android\_work: did not send uevent (0 0 (null))

[ 10.421165] tegra-i2c c240000.i2c: no acknowledge from address 0x69

[ 10.424924] bmi160 1-0069: bmi\_i2c\_rd ERR: 0x00

[ 10.426972] bmi160 1-0069: bmi\_init \_id\_i2c ERR

[ 10.428982] bmi160 1-0069: bmi\_remove

[ 10.428986] bmi160 1-0069: bmi\_probe done

[ 10.430225] bmi160 8-0069: nvs\_vregs\_init vdd err=-19

[ 10.432219] bmi160 8-0069: nvs\_vregs\_init vdd\_IO err=-19

[ 10.490623] tegra-i2c 31e0000.i2c: no acknowledge from address 0x69

[ 10.492569] bmi160 8-0069: bmi\_i2c\_rd ERR: 0x00

[ 10.494584] bmi160 8-0069: bmi\_init \_id\_i2c ERR

[ 10.495645] bmi160 8-0069: bmi\_remove

[ 10.495648] bmi160 8-0069: bmi\_probe done

[ 10.545652] android\_work: sent uevent USB\_STATE=CONNECTED

[ 10.554657] configfs-gadget gadget: super-speed config #1: c

[ 10.554681] tegra-xudc-new 3550000.xudc: ep 5 (type: 3, dir: in) enabled

[ 10.554693] tegra-xudc-new 3550000.xudc: ep 3 (type: 2, dir: in) enabled

[ 10.554703] tegra-xudc-new 3550000.xudc: ep 2 (type: 2, dir: out) enabled

[ 10.554776] tegra-xudc-new 3550000.xudc: ep 9 (type: 3, dir: in) enabled

[ 10.554787] tegra-xudc-new 3550000.xudc: ep 7 (type: 2, dir: in) enabled

[ 10.554796] tegra-xudc-new 3550000.xudc: ep 4 (type: 2, dir: out) enabled

[ 10.554816] tegra-xudc-new 3550000.xudc: ep 15 (type: 3, dir: in) enabled

[ 10.554837] tegra-xudc-new 3550000.xudc: ep 11 (type: 2, dir: in) enabled

[ 10.554852] tegra-xudc-new 3550000.xudc: ep 6 (type: 2, dir: out) enabled

[ 10.554923] IPv6: ADDRCONF(NETDEV\_CHANGE): rndis0: link becomes ready

[ 10.554993] l4tbr0: port 1(rndis0) entered blocking state

[ 10.554999] l4tbr0: port 1(rndis0) entered forwarding state

[ 10.555167] android\_work: sent uevent USB\_STATE=CONFIGURED

[ 10.561208] tegra-xudc-new 3550000.xudc: ep 13 (type: 2, dir: in) enabled

[ 10.561221] tegra-xudc-new 3550000.xudc: ep 8 (type: 2, dir: out) enabled

[ 10.561322] IPv6: ADDRCONF(NETDEV\_CHANGE): usb0: link becomes ready

[ 11.322306] tegra-xusb 3610000.xhci: Firmware timestamp: 2018-03-29 14:24:42 UTC, Version: 60.05 release

[ 11.322347] tegra-xusb 3610000.xhci: xHCI Host Controller

[ 11.322370] tegra-xusb 3610000.xhci: new USB bus registered, assigned bus number 1

[ 11.323589] tegra-xusb 3610000.xhci: hcc params 0x0184ff25 hci version 0x110 quirks 0x00050810

[ 11.323626] tegra-xusb 3610000.xhci: irq 471, io mem 0x03610000

[ 11.323752] usb usb1: New USB device found, idVendor=1d6b, idProduct=0002

[ 11.323754] usb usb1: New USB device strings: Mfr=3, Product=2, SerialNumber=1

[ 11.323756] usb usb1: Product: xHCI Host Controller

[ 11.323758] usb usb1: Manufacturer: Linux 4.9.140+ xhci-hcd

[ 11.323759] usb usb1: SerialNumber: 3610000.xhci

[ 11.324408] hub 1-0:1.0: USB hub found

[ 11.324432] hub 1-0:1.0: 4 ports detected

[ 11.324952] tegra-xusb 3610000.xhci: xHCI Host Controller

[ 11.324960] tegra-xusb 3610000.xhci: new USB bus registered, assigned bus number 2

[ 11.324966] tegra-xusb 3610000.xhci: Host supports USB 3.1 Enhanced SuperSpeed

[ 11.325112] usb usb2: New USB device found, idVendor=1d6b, idProduct=0003

[ 11.325114] usb usb2: New USB device strings: Mfr=3, Product=2, SerialNumber=1

[ 11.325116] usb usb2: Product: xHCI Host Controller

[ 11.325118] usb usb2: Manufacturer: Linux 4.9.140+ xhci-hcd

[ 11.325120] usb usb2: SerialNumber: 3610000.xhci

[ 11.325478] hub 2-0:1.0: USB hub found

[ 11.325508] hub 2-0:1.0: 4 ports detected

[ 11.326554] Wake76 for irq=199

[ 11.326556] Wake77 for irq=199

[ 11.326556] Wake78 for irq=199

[ 11.326557] Wake79 for irq=199

[ 11.326558] Wake80 for irq=199

[ 11.326558] Wake81 for irq=199

[ 11.326559] Wake82 for irq=199

[ 11.426741] usb usb1: usb\_suspend\_both: status 0

[ 11.426913] usb usb2: usb\_suspend\_both: status 0

[ 11.706325] usb 1-4: new high-speed USB device number 2 using tegra-xusb

[ 11.740725] usb 1-4: New USB device found, idVendor=0bda, idProduct=5411

[ 11.740730] usb 1-4: New USB device strings: Mfr=1, Product=2, SerialNumber=0

[ 11.740735] usb 1-4: Product: 4-Port USB 2.0 Hub

[ 11.740738] usb 1-4: Manufacturer: Generic

[ 11.743142] hub 1-4:1.0: USB hub found

[ 11.744187] hub 1-4:1.0: 4 ports detected

[ 11.852387] usb 2-4: new SuperSpeed USB device number 2 using tegra-xusb

[ 11.885319] usb 2-4: New USB device found, idVendor=0bda, idProduct=0411

[ 11.885326] usb 2-4: New USB device strings: Mfr=1, Product=2, SerialNumber=0

[ 11.885330] usb 2-4: Product: 4-Port USB 3.0 Hub

[ 11.885342] usb 2-4: Manufacturer: Generic

[ 11.895446] hub 2-4:1.0: USB hub found

[ 11.896809] hub 2-4:1.0: 4 ports detected

[ 12.034303] usb 1-4.4: new high-speed USB device number 3 using tegra-xusb

[ 12.063595] usb 1-4.4: New USB device found, idVendor=05ac, idProduct=1006

[ 12.063601] usb 1-4.4: New USB device strings: Mfr=1, Product=2, SerialNumber=3

[ 12.063604] usb 1-4.4: Product: Keyboard Hub

[ 12.063607] usb 1-4.4: Manufacturer: Apple, Inc.

[ 12.063610] usb 1-4.4: SerialNumber: 000000000000

[ 12.065390] hub 1-4.4:1.0: USB hub found

[ 12.065556] hub 1-4.4:1.0: 3 ports detected

[ 12.187557] usb 2-4.3: new SuperSpeed USB device number 3 using tegra-xusb

[ 12.211621] usb 2-4.3: New USB device found, idVendor=090c, idProduct=1000

[ 12.211626] usb 2-4.3: New USB device strings: Mfr=1, Product=2, SerialNumber=0

[ 12.211630] usb 2-4.3: Product: USB DISK

[ 12.211633] usb 2-4.3: Manufacturer: SMI Corporation

[ 12.219492] usb-storage 2-4.3:1.0: USB Mass Storage device detected

[ 12.219912] scsi host2: usb-storage 2-4.3:1.0

[ 12.354313] usb 1-4.4.2: new low-speed USB device number 4 using tegra-xusb

[ 12.381599] usb 1-4.4.2: New USB device found, idVendor=05ac, idProduct=0220

[ 12.381604] usb 1-4.4.2: New USB device strings: Mfr=1, Product=2, SerialNumber=0

[ 12.381607] usb 1-4.4.2: Product: Apple Keyboard

[ 12.381610] usb 1-4.4.2: Manufacturer: Apple, Inc

[ 12.387762] input: Apple, Inc Apple Keyboard as /devices/3610000.xhci/usb1/1-4/1-4.4/1-4.4.2/1-4.4.2:1.0/0003:05AC:0220.0001/input/input6

[ 12.447361] apple 0003:05AC:0220.0001: input,hidraw0: USB HID v1.11 Keyboard [Apple, Inc Apple Keyboard] on usb-3610000.xhci-4.4.2/input0

[ 12.450816] input: Apple, Inc Apple Keyboard as /devices/3610000.xhci/usb1/1-4/1-4.4/1-4.4.2/1-4.4.2:1.1/0003:05AC:0220.0002/input/input7

[ 12.510752] apple 0003:05AC:0220.0002: input,hidraw1: USB HID v1.11 Device [Apple, Inc Apple Keyboard] on usb-3610000.xhci-4.4.2/input1

[ 12.590333] usb 1-4.4.3: new low-speed USB device number 5 using tegra-xusb

[ 12.615228] usb 1-4.4.3: New USB device found, idVendor=04f2, idProduct=0939

[ 12.615234] usb 1-4.4.3: New USB device strings: Mfr=1, Product=2, SerialNumber=0

[ 12.615238] usb 1-4.4.3: Product: USB Optical Mouse

[ 12.615240] usb 1-4.4.3: Manufacturer: PixArt

[ 12.619300] input: PixArt USB Optical Mouse as /devices/3610000.xhci/usb1/1-4/1-4.4/1-4.4.3/1-4.4.3:1.0/0003:04F2:0939.0003/input/input8

[ 12.619794] hid-generic 0003:04F2:0939.0003: input,hidraw2: USB HID v1.11 Mouse [PixArt USB Optical Mouse] on usb-3610000.xhci-4.4.3/input0

[ 13.544300] scsi 2:0:0:0: Direct-Access SMI USB DISK 1100 PQ: 0 ANSI: 6

[ 13.546228] sd 2:0:0:0: [sda] 61440000 512-byte logical blocks: (31.5 GB/29.3 GiB)

[ 13.547029] sd 2:0:0:0: [sda] Write Protect is off

[ 13.547052] sd 2:0:0:0: [sda] Mode Sense: 43 00 00 00

[ 13.547824] sd 2:0:0:0: [sda] Write cache: enabled, read cache: enabled, doesn't support DPO or FUA

[ 13.562792] sda: sda1

[ 13.566481] sd 2:0:0:0: [sda] Attached SCSI removable disk

[ 15.350896] ras\_fhi\_disable: FHI 480 disabled

[ 15.351637] CPU4: shutdown

[ 15.355201] psci: CPU4 killed.

[ 15.406859] ras\_fhi\_disable: FHI 481 disabled

[ 15.408398] CPU5: shutdown

[ 15.415188] psci: CPU5 killed.

[ 15.450846] ras\_fhi\_disable: FHI 482 disabled

[ 15.451884] CPU6: shutdown

[ 15.459913] psci: CPU6 killed.

[ 15.498976] ras\_fhi\_disable: FHI 483 disabled

[ 15.501298] CPU7: shutdown

[ 15.508310] psci: CPU7 killed.

[ 15.511260] nvgpu: 17000000.gv11b tpc\_pg\_mask\_store:901 [INFO] no value change, same mask already set

[ 16.083538] IPv6: ADDRCONF(NETDEV\_UP): eth0: link is not ready

[ 16.191321] gpio tegra-gpio wake20 for gpio=52(G:4)

[ 16.196191] IPv6: ADDRCONF(NETDEV\_UP): eth0: link is not ready

[ 17.230267] tegradc 15200000.nvdisplay: blank - powerdown

[ 17.288995] extcon-disp-state external-connection:disp-state: cable 48 state 0

[ 17.288998] Extcon AUX2(HDMI) disable

[ 17.315471] tegra\_nvdisp\_handle\_pd\_disable: Powergated Head1 pd

[ 17.316476] tegra\_nvdisp\_handle\_pd\_disable: Powergated Head0 pd

[ 17.317389] tegradc 15200000.nvdisplay: unblank

[ 17.318555] tegra\_nvdisp\_handle\_pd\_enable: Unpowergated Head0 pd

[ 17.318788] tegra\_nvdisp\_handle\_pd\_enable: Unpowergated Head1 pd

[ 17.326065] Parent Clock set for DC plld3

[ 17.330807] tegradc 15200000.nvdisplay: hdmi: tmds rate:148500K prod-setting:prod\_c\_hdmi\_111m\_223m

[ 17.332207] tegradc 15200000.nvdisplay: hdmi: get RGB quant from EDID.

[ 17.332251] tegradc 15200000.nvdisplay: hdmi: get YCC quant from EDID.

[ 17.335966] extcon-disp-state external-connection:disp-state: cable 48 state 1

[ 17.335972] Extcon AUX2(HDMI) enable

[ 17.336093] tegradc 15200000.nvdisplay: unblank

[ 17.336108] tegradc 15210000.nvdisplay: blank - powerdown

[ 17.336116] tegradc 15220000.nvdisplay: blank - powerdown

[ 17.873893] eqos 2490000.ether\_qos eth0: Link is Up - 100Mbps/Full - flow control rx/tx

[ 17.874677] IPv6: ADDRCONF(NETDEV\_CHANGE): eth0: link becomes ready

[ 18.412044] fuse init (API version 7.26)

[ 41.094878] tegradc 15200000.nvdisplay: blank - powerdown

[ 41.149326] extcon-disp-state external-connection:disp-state: cable 48 state 0

[ 41.149330] Extcon AUX2(HDMI) disable

[ 41.172643] tegra\_nvdisp\_handle\_pd\_disable: Powergated Head1 pd

[ 41.173410] tegra\_nvdisp\_handle\_pd\_disable: Powergated Head0 pd

[ 41.173728] tegradc 15210000.nvdisplay: blank - powerdown

[ 41.173744] tegradc 15220000.nvdisplay: blank - powerdown

[ 41.433676] tegradc 15200000.nvdisplay: blank - powerdown

[ 41.433716] tegradc 15200000.nvdisplay: unblank

[ 41.435044] tegra\_nvdisp\_handle\_pd\_enable: Unpowergated Head0 pd

[ 41.435203] tegra\_nvdisp\_handle\_pd\_enable: Unpowergated Head1 pd

[ 41.442339] Parent Clock set for DC plld3

[ 41.447132] tegradc 15200000.nvdisplay: hdmi: tmds rate:148500K prod-setting:prod\_c\_hdmi\_111m\_223m

[ 41.448606] tegradc 15200000.nvdisplay: hdmi: get RGB quant from EDID.

[ 41.448615] tegradc 15200000.nvdisplay: hdmi: get YCC quant from EDID.

[ 41.454965] extcon-disp-state external-connection:disp-state: cable 48 state 1

[ 41.454968] Extcon AUX2(HDMI) enable

[ 41.455061] tegradc 15200000.nvdisplay: unblank

[ 41.455074] tegradc 15210000.nvdisplay: blank - powerdown

[ 41.455082] tegradc 15220000.nvdisplay: blank - powerdown

[ 47.035102] Bluetooth: BNEP (Ethernet Emulation) ver 1.3

[ 47.035121] Bluetooth: BNEP socket layer initialized

[ 47.923589] tegradc 15200000.nvdisplay: unblank

[ 47.923612] tegradc 15210000.nvdisplay: blank - powerdown

[ 47.923623] tegradc 15220000.nvdisplay: blank - powerdown

[ 54.691340] FAT-fs (sda1): Volume was not properly unmounted. Some data may be corrupt. Please run fsck.

[ 669.020258] pci\_epf\_nv\_test pci\_epf\_nv\_test.0: BAR0 RAM phys: 0x3d4c8a000

[ 669.020275] pci\_epf\_nv\_test pci\_epf\_nv\_test.0: BAR0 RAM IOVA: 0xffff0000 –> 1MB

[ 669.020596] pci\_epf\_nv\_test pci\_epf\_nv\_test.0: BAR0 RAM virt: 0xffffff800bf37000

root@ebots-desktop:/sys/kernel/config/pci\_ep/functions/pci\_epf\_nv\_test/func1#