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) ) #4 SMP PREEMPT Thu Jul 11 16:14:16 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

[ 0.000037] sched\_clock: 56 bits at 31MHz, resolution 32ns, wraps every 4398046511088ns

[ 0.009081] Console: colour dummy device 80x25

[ 0.012428] console [tty0] enabled

[ 0.015886] bootconsole [tegra\_comb\_uart0] disabled

[ 0.020648] kmemleak: Kernel memory leak detector disabled

[ 0.020727] Calibrating delay loop (skipped), value calculated using timer frequency.. 62.50 BogoMIPS (lpj=125000)

[ 0.020782] pid\_max: default: 32768 minimum: 301

[ 0.022383] Security Framework initialized

[ 0.023136] Mount-cache hash table entries: 32768 (order: 6, 262144 bytes)

[ 0.023178] Mountpoint-cache hash table entries: 32768 (order: 6, 262144 bytes)

[ 0.025625] ftrace: allocating 46769 entries in 183 pages

[ 0.535516] sched-energy: Sched-energy-costs installed from DT

[ 0.535804] ASID allocator initialised with 65536 entries

[ 0.577319] tegra-id: chipid=21917.

[ 0.577381] tegra-id: opt\_subrevision=0.

[ 0.577449] Tegra Revision: A02 SKU: 0xd0 CPU Process: 0 SoC Process: 0

[ 0.577536] DTS File Name: ../arch/arm64/boot/dts/../../../../../../hardware/nvidia/platform/t19x/galen/kernel-dts/common/tegra194-p2888-0001-p2822-0000-common.dtsi

[ 0.577587] DTB Build time: Jul 11 2019 15:34:52

[ 0.629059] CPU1: Booted secondary processor [4e0f0040]

[ 0.660986] CPU2: Booted secondary processor [4e0f0040]

[ 0.693470] CPU3: Booted secondary processor [4e0f0040]

[ 0.725700] CPU4: Booted secondary processor [4e0f0040]

[ 0.758101] CPU5: Booted secondary processor [4e0f0040]

[ 0.790688] CPU6: Booted secondary processor [4e0f0040]

[ 0.822648] CPU7: Booted secondary processor [4e0f0040]

[ 0.823688] Brought up 8 CPUs

[ 0.823967] SMP: Total of 8 processors activated.

[ 0.824004] CPU features: detected feature: Privileged Access Never

[ 0.824041] CPU features: detected feature: LSE atomic instructions

[ 0.824089] CPU features: detected feature: User Access Override

[ 0.824124] CPU features: detected feature: 32-bit EL0 Support

[ 0.829818] CPU: All CPU(s) started at EL2

[ 0.829928] alternatives: patching kernel code

[ 0.843460] devtmpfs: initialized

[ 0.928006] Initilizing CustomIPI irq domain

[ 0.928615] clocksource: jiffies: mask: 0xffffffff max\_cycles: 0xffffffff, max\_idle\_ns: 7645041785100000 ns

[ 0.928671] futex hash table entries: 2048 (order: 5, 131072 bytes)

[ 0.931141] pinctrl core: initialized pinctrl subsystem

[ 0.931417] OS set in device tree is not L4T.

[ 0.931799] regulator-dummy: no parameters

[ 0.932154] Initializing plugin-manager

[ 0.932273] Plugin module not found

[ 0.932342] Plugin-manager status disabled

[ 0.934051] NET: Registered protocol family 16

[ 0.936723] pstore: using zlib compression

[ 0.937917] console [pstore-1] enabled

[ 0.937947] pstore: Registered ramoops as persistent store backend

[ 0.938033] ramoops: attached 0x200000@0xe8a00000, ecc: 0/0

[ 0.958267] cpuidle: using governor menu

[ 0.960198] bpmp: waiting for handshake

[ 0.960234] bpmp: handshake completed

[ 0.960287] bpmp: synchronizing channels

[ 0.960319] bpmp: channels synchronized

[ 0.960346] bpmp: mail init ok

[ 0.964977] t19x-arm-smmu 12000000.iommu: found 3 SMMUs and ISO SMMU id is 2

[ 0.965290] t19x-arm-smmu 12000000.iommu: probing hardware configuration...

[ 0.965330] t19x-arm-smmu 12000000.iommu: SMMUv2 with:

[ 0.965363] t19x-arm-smmu 12000000.iommu: stage 1 translation

[ 0.965396] t19x-arm-smmu 12000000.iommu: stage 2 translation

[ 0.965429] t19x-arm-smmu 12000000.iommu: nested translation

[ 0.965465] t19x-arm-smmu 12000000.iommu: stream matching with 128 register groups, mask 0x7f80

[ 0.965511] t19x-arm-smmu 12000000.iommu: SMMU address space size (0x800000) differs from mapped region size (0x1000000)!

[ 0.965559] t19x-arm-smmu 12000000.iommu: 64 context banks (0 stage-2 only)

[ 0.965595] t19x-arm-smmu 12000000.iommu: Stage-1: 39-bit VA -> 48-bit IPA

[ 0.965630] t19x-arm-smmu 12000000.iommu: Stage-2: 39-bit IPA -> 48-bit PA

[ 0.970891] vdso: 2 pages (1 code @ ffffff8008f37000, 1 data @ ffffff8009df4000)

[ 0.971045] hw-breakpoint: found 6 breakpoint and 4 watchpoint registers.

[ 0.975575] atomic\_pool\_init():622: DMA: preallocated 1024 KiB pool for atomic allocations

[ 0.977009] Registering BPMP clocks...

[ 0.977216] tegra\_bpmp\_clk\_init: clock init ok (395 clks)

[ 0.977761] tegra\_bpmp\_of\_clk\_init: EMC proxy not found.

[ 0.978311] tegra\_powergate\_init: DONE

[ 0.978518] DTS File Name: ../arch/arm64/boot/dts/../../../../../../hardware/nvidia/platform/t19x/galen/kernel-dts/common/tegra194-p2888-0001-p2822-0000-common.dtsi

[ 0.978621] DTB Build time: Jul 11 2019 15:34:52

[ 0.982619] Tegra reboot handler registered.

[ 0.993526] iommu: Adding device 141a0000.pcie\_ep to group 0

[ 0.994719] iommu: Adding device 14180000.pcie to group 1

[ 0.995888] iommu: Adding device 14100000.pcie to group 2

[ 0.996958] iommu: Adding device 14140000.pcie to group 3

[ 0.999182] iommu: Adding device 2490000.ether\_qos to group 4

[ 1.000079] iommu: Adding device 3100000.serial to group 5

[ 1.000934] iommu: Adding device 3110000.serial to group 6

[ 1.001592] iommu: Adding device 3140000.serial to group 7

[ 1.002481] tegra-pmc c360000.pmc: scratch reg offset dts data not present

[ 1.002839] tegra-pmc: get\_secure\_pmc\_setting: done secure\_pmc=0

[ 1.002964] tegra-pmc: ### PMC reset source: TEGRA\_SOFTWARE\_RESET

[ 1.003016] tegra-pmc: ### PMC reset level: TEGRA\_RESET\_LEVEL\_L1

[ 1.003071] tegra-pmc: ### PMC reset status reg: 0x2d

[ 1.003179] tegra-pmc: PMC Prod config success

[ 1.003507] padctrl padctrl.0: Pad control driver tegra-pmc-padctrl registered

[ 1.003600] tegra-pmc c360000.pmc: IO padctrl driver initialized

[ 1.004215] iommu: Adding device 3460000.sdhci to group 8

[ 1.005080] iommu: Adding device 3400000.sdhci to group 9

[ 1.005881] iommu: Adding device 2450000.ufshci to group 10

[ 1.006690] iommu: Adding device c260000.spi to group 11

[ 1.007940] iommu: Adding device 3160000.i2c to group 12

[ 1.008602] iommu: Adding device c240000.i2c to group 13

[ 1.009306] iommu: Adding device 3180000.i2c to group 14

[ 1.009919] iommu: Adding device 3190000.i2c to group 15

[ 1.010744] iommu: Adding device 31b0000.i2c to group 16

[ 1.011458] iommu: Adding device 31c0000.i2c to group 17

[ 1.012066] iommu: Adding device c250000.i2c to group 18

[ 1.012728] iommu: Adding device 31e0000.i2c to group 19

[ 1.013981] iommu: Adding device sound to group 20

[ 1.014813] iommu: Adding device 3510000.hda to group 21

[ 1.015690] iommu: Adding device bc00000.rtcpu to group 22

[ 1.019137] iommu: Adding device 13e10000.host1x to group 23

[ 1.019819] iommu: Adding device 13e10000.host1x:ctx0 to group 24

[ 1.020436] iommu: Adding device 13e10000.host1x:ctx1 to group 25

[ 1.021071] iommu: Adding device 13e10000.host1x:ctx2 to group 26

[ 1.021655] iommu: Adding device 13e10000.host1x:ctx3 to group 27

[ 1.022307] iommu: Adding device 13e10000.host1x:ctx4 to group 28

[ 1.023012] iommu: Adding device 13e10000.host1x:ctx5 to group 29

[ 1.023615] iommu: Adding device 13e10000.host1x:ctx6 to group 30

[ 1.024451] iommu: Adding device 13e10000.host1x:ctx7 to group 31

[ 1.025405] iommu: Adding device 15340000.vic to group 32

[ 1.026083] iommu: Adding device 15380000.nvjpg to group 33

[ 1.026529] iommu: Adding device 15500000.tsec to group 34

[ 1.026974] iommu: Adding device 15100000.tsecb to group 35

[ 1.027521] iommu: Adding device 15480000.nvdec to group 36

[ 1.027980] iommu: Adding device 15140000.nvdec1 to group 37

[ 1.028461] iommu: Adding device 154c0000.nvenc to group 38

[ 1.028899] iommu: Adding device 15a80000.nvenc1 to group 39

[ 1.029605] iommu: Adding device 15880000.nvdla0 to group 40

[ 1.030257] iommu: Adding device 158c0000.nvdla1 to group 41

[ 1.031172] iommu: Adding device 15200000.nvdisplay to group 42

[ 1.031617] platform 15200000.nvdisplay: IOVA linear map 0x00000000a0697000(800000)

[ 1.031696] platform 15200000.nvdisplay: IOVA linear map 0x00000000a0693000(3000)

[ 1.032948] platform 15200000.nvdisplay: IOVA linear map 0x00000000f0000000(8000000)

[ 1.033015] t19x-arm-smmu: Adding 15200000.nvdisplay to ISO SMMU client

[ 1.033760] iommu: Adding device 15210000.nvdisplay to group 43

[ 1.033860] t19x-arm-smmu: Adding 15210000.nvdisplay to ISO SMMU client

[ 1.034550] iommu: Adding device 15220000.nvdisplay to group 44

[ 1.034658] t19x-arm-smmu: Adding 15220000.nvdisplay to ISO SMMU client

[ 1.038059] iommu: Adding device 15c10000.vi to group 45

[ 1.038352] t19x-arm-smmu: Adding 15c10000.vi to ISO SMMU client

[ 1.039035] iommu: Adding device 14800000.isp to group 46

[ 1.041115] iommu: Adding device 16000000.pva0 to group 47

[ 1.041959] iommu: Adding device 16800000.pva1 to group 48

[ 1.042585] iommu: Adding device 15810000.se to group 49

[ 1.043285] iommu: Adding device 15820000.se to group 50

[ 1.043939] iommu: Adding device 15830000.se to group 51

[ 1.044435] iommu: Adding device 15840000.se to group 52

[ 1.044903] iommu: Adding device c1a0000.aon to group 53

[ 1.047068] iommu: Adding device d000000.bpmp to group 54

[ 1.047594] bpmp: ping status is 0

[ 1.047787] bpmp d000000.bpmp: firmware tag is 1c1b2165fe52a0a54ad7caf60d40cdc3

[ 1.051864] bpmp d000000.bpmp: probe ok

[ 1.054496] tegra-reset 0.bpmp\_reset: registered 186 resets.

[ 1.055372] iommu: Adding device smmu\_test to group 55

[ 1.057028] mc: mapped MMIO address: 0xffffff800a540000 -> 0x2c10000

[ 1.057127] mc: mapped MMIO address: 0xffffff800a560000 -> 0x2c20000

[ 1.057242] mc: mapped MMIO address: 0xffffff800a580000 -> 0x2c30000

[ 1.057325] mc: mapped MMIO address: 0xffffff800a5a0000 -> 0x2c40000

[ 1.057401] mc: mapped MMIO address: 0xffffff800a5c0000 -> 0x2c50000

[ 1.057476] mc: mapped MMIO address: 0xffffff800a5e0000 -> 0x2b80000

[ 1.057553] mc: mapped MMIO address: 0xffffff800a7b0000 -> 0x2b90000

[ 1.057629] mc: mapped MMIO address: 0xffffff800a7d0000 -> 0x2ba0000

[ 1.057707] mc: mapped MMIO address: 0xffffff800b010000 -> 0x2bb0000

[ 1.057781] mc: mapped MMIO address: 0xffffff800b030000 -> 0x1700000

[ 1.057856] mc: mapped MMIO address: 0xffffff800b050000 -> 0x1710000

[ 1.057930] mc: mapped MMIO address: 0xffffff800b070000 -> 0x1720000

[ 1.058007] mc: mapped MMIO address: 0xffffff800b090000 -> 0x1730000

[ 1.058083] mc: mapped MMIO address: 0xffffff800b0b0000 -> 0x1740000

[ 1.058170] mc: mapped MMIO address: 0xffffff800b0d0000 -> 0x1750000

[ 1.058245] mc: mapped MMIO address: 0xffffff800b0f0000 -> 0x1760000

[ 1.058323] mc: mapped MMIO address: 0xffffff800b110000 -> 0x1770000

[ 1.058480] mc-err: mcerr ops are set to t19x

[ 1.069133] iommu: Adding device 2600000.dma to group 56

[ 1.077503] GPIO line 490 (pcie-reg-enable) hogged as output/high

[ 1.077599] GPIO line 289 (pcie-reg-enable) hogged as output/high

[ 1.077688] GPIO line 339 (wifi-enable) hogged as output/high

[ 1.078258] gpiochip\_setup\_dev: registered GPIOs 288 to 511 on device: gpiochip0 (tegra-gpio)

[ 1.089505] GPIO line 253 (pex-refclk-sel-high) hogged as output/high

[ 1.089941] gpiochip\_setup\_dev: registered GPIOs 248 to 287 on device: gpiochip1 (tegra-gpio-aon)

[ 1.093575] tegra186-aowake c370000.pmc: WAKE\_AOWAKE\_CTRL\_0 = 3

[ 1.093636] tegra186-aowake c370000.pmc: WAKE\_AOWAKE\_CNTRL\_24(PMU\_INT) = 256

[ 1.094848] iommu: Adding device 3550000.xudc to group 57

[ 1.096005] iommu: Adding device 3610000.xhci to group 58

[ 1.099532] arm64\_ras arm64\_ras: probed

[ 1.100328] ras\_fhi\_enable: FHI 476 enabled on CPU0

[ 1.100424] ras\_fhi\_enable: FHI 477 enabled on CPU1

[ 1.100648] ras\_fhi\_enable: FHI 478 enabled on CPU2

[ 1.100770] ras\_fhi\_enable: FHI 479 enabled on CPU3

[ 1.100880] ras\_fhi\_enable: FHI 480 enabled on CPU4

[ 1.101029] ras\_fhi\_enable: FHI 481 enabled on CPU5

[ 1.101217] ras\_fhi\_enable: FHI 482 enabled on CPU6

[ 1.101364] ras\_fhi\_enable: FHI 483 enabled on CPU7

[ 1.101673] carmel\_ras\_enable: RAS enabled on cpu0

[ 1.102009] carmel\_ras\_enable: RAS enabled on cpu1

[ 1.102333] carmel\_ras\_enable: RAS enabled on cpu2

[ 1.102651] carmel\_ras\_enable: RAS enabled on cpu3

[ 1.102947] carmel\_ras\_enable: RAS enabled on cpu4

[ 1.103247] carmel\_ras\_enable: RAS enabled on cpu5

[ 1.103584] carmel\_ras\_enable: RAS enabled on cpu6

[ 1.103872] carmel\_ras\_enable: RAS enabled on cpu7

[ 1.104015] carmel\_ras carmel\_ras: probed

[ 1.105694] tegra-cbb 2300000.cbb-noc: noc\_secure\_irq = 485, noc\_nonsecure\_irq = 484>

[ 1.106791] tegra-cbb c600000.aon-noc: noc\_secure\_irq = 487, noc\_nonsecure\_irq = 486>

[ 1.108202] tegra-cbb d600000.bpmp-noc: noc\_secure\_irq = 489, noc\_nonsecure\_irq = 488>

[ 1.109536] tegra-cbb be00000.rce-noc: noc\_secure\_irq = 491, noc\_nonsecure\_irq = 490>

[ 1.110907] tegra-cbb b600000.sce-noc: noc\_secure\_irq = 493, noc\_nonsecure\_irq = 492>

[ 1.111645] tegra-cbb 14040000.cv-noc: defer probe as CV-NOC not probed yet

[ 1.115499] vdd-3v3-cvb: 3300 mV

[ 1.116009] vdd-1v8-cvb: 1800 mV

[ 1.116638] vdd-1v8-sd: 1800 mV

[ 1.117300] vdd-epb-1v0: supplied by vdd-3v3-cvb

[ 1.117426] vdd-epb-1v0: 1000 mV

[ 1.117954] vdd-sdmmc1-sw: 3300 mV

[ 1.118593] avdd-cam-2v8: 2800 mV

[ 1.119102] vdd-sata-1v5: 1500 mV

[ 1.119632] vdd-1v8-slt: 1800 mV

[ 1.120103] vdd-3v3-slt: 3300 mV

[ 1.120613] vdd-fan: 5000 mV

[ 1.121209] vdd-hdmi-5v0: 5000 mV

[ 1.121843] vdd\_sys\_en: 1200 mV

[ 1.122593] vdd-5v-sata: 5000 mV

[ 1.123212] vdd-ac-bat: 5000 mV

[ 1.123554] vdd-5v-sata: supplied by vdd-ac-bat

[ 1.164380] HugeTLB registered 2 MB page size, pre-allocated 0 pages

[ 1.170197] eventlib\_kernel: keventlib is initialized, test id: 0

[ 1.170642] SCSI subsystem initialized

[ 1.171139] libata version 3.00 loaded.

[ 1.171487] usbcore: registered new interface driver usbfs

[ 1.171630] usbcore: registered new interface driver hub

[ 1.171838] usbcore: registered new device driver usb

[ 1.185709] tegra-i2c 31e0000.i2c: could not find pctldev for node /host1x/dpaux@155F0000/pinmux@0, deferring probe

[ 1.189295] max77620 4-003c: PMIC Version OTP:0x51 and ES:0x1

[ 1.200414] vdd-1v0: at 1000 mV

[ 1.208496] vdd-1v8-hs: at 1800 mV

[ 1.216654] vdd-1v8-ls: at 1800 mV

[ 1.224607] vdd-1v8-ao: at 1800 mV

[ 1.232686] vddio-ddr-1v1: at 1100 mV

[ 1.240536] vdd-rtc: at 800 mV

[ 1.242064] spmic-ldo1: at 2375 mV

[ 1.252631] vdd-ao-3v3: at 3300 mV

[ 1.264680] vddio-emmc-3v3: at 3300 mV

[ 1.266385] spmic-ldo4: at 1587 mV

[ 1.273116] vdd-usb-3v3: at 3300 mV

[ 1.281218] vddio-sdmmc1-3v3: at 3300 mV

[ 1.285249] vdd-csi-1v2: at 1200 mV

[ 1.286950] spmic-ldo8: at 1800 mV

[ 1.289364] GPIO line 246 (gpio\_default) hogged as output/high

[ 1.290977] GPIO line 247 (gpio\_default) hogged as output/high

[ 1.291703] gpiochip\_setup\_dev: registered GPIOs 240 to 247 on device: gpiochip2 (max77620-gpio)

[ 1.295424] max77620 4-003c: max77620 probe successful

[ 1.296216] media: Linux media interface: v0.10

[ 1.296362] Linux video capture interface: v2.00

[ 1.298266] pps\_core: LinuxPPS API ver. 1 registered

[ 1.298323] pps\_core: Software ver. 5.3.6 - Copyright 2005-2007 Rodolfo Giometti <giometti@linux.it>

[ 1.298453] PTP clock support registered

[ 1.299193] tegra\_wdt\_t18x 30c0000.watchdog: Tegra WDT init timeout = 120 sec

[ 1.299303] tegra\_wdt\_t18x 30c0000.watchdog: Registered successfully

[ 1.301094] tegra\_fiq\_debugger\_init: found FIQ source (IRQ 468)

[ 1.303221] Advanced Linux Sound Architecture Driver Initialized.

[ 1.303993] Bluetooth: Core ver 2.22

[ 1.304086] NET: Registered protocol family 31

[ 1.304137] Bluetooth: HCI device and connection manager initialized

[ 1.304213] Bluetooth: HCI socket layer initialized

[ 1.304274] Bluetooth: L2CAP socket layer initialized

[ 1.304351] Bluetooth: SCO socket layer initialized

[ 1.307961] camchar: rtcpu character device driver loaded

[ 1.310176] clocksource: Switched to clocksource arch\_sys\_counter

[ 1.371162] VFS: Disk quotas dquot\_6.6.0

[ 1.371339] VFS: Dquot-cache hash table entries: 512 (order 0, 4096 bytes)

[ 1.371974] nvmap\_heap\_init: nvmap\_heap\_init: created heap block cache

[ 1.374160] tegra-carveouts tegra-carveouts: assigned reserved memory node grid-of-semaphores

[ 1.374439] tegra-carveouts tegra-carveouts: vpr :dma coherent mem declare 0x00000000f0000000,134217728

[ 1.374524] nvmap: nvmap\_select\_cache\_ops() nvmap cache ops set to scf

[ 1.374588] nvmap\_page\_pool\_init: Total RAM pages: 4015132

[ 1.374633] nvmap\_page\_pool\_init: nvmap page pool size: 501891 pages (1960 MB)

[ 1.374987] nvmap\_background\_zero\_thread: PP zeroing thread starting.

[ 1.375425] misc nvmap: created heap vpr base 0x00000000f0000000 size (131072KiB)

[ 1.377912] tegra-gpcdma 2600000.dma: GPC DMA driver register 31 channels

[ 1.396869] thermal thermal\_zone0: Registering thermal zone thermal\_zone0 for type CPU-therm

[ 1.397361] thermal thermal\_zone1: Registering thermal zone thermal\_zone1 for type GPU-therm

[ 1.397785] thermal thermal\_zone2: Registering thermal zone thermal\_zone2 for type AUX-therm

[ 1.398208] thermal thermal\_zone3: Registering thermal zone thermal\_zone3 for type AO-therm

[ 1.398816] thermal thermal\_zone4: Registering thermal zone thermal\_zone4 for type Tdiode\_tegra

[ 1.399216] thermal thermal\_zone5: Registering thermal zone thermal\_zone5 for type PMIC-Die

[ 1.399469] thermal thermal\_zone6: Registering thermal zone thermal\_zone6 for type Tboard\_tegra

[ 1.400979] la/ptsa driver initialized.

[ 1.401482] NET: Registered protocol family 2

[ 1.402630] TCP established hash table entries: 131072 (order: 8, 1048576 bytes)

[ 1.403516] TCP bind hash table entries: 65536 (order: 8, 1048576 bytes)

[ 1.404434] TCP: Hash tables configured (established 131072 bind 65536)

[ 1.404538] UDP hash table entries: 8192 (order: 6, 262144 bytes)

[ 1.404904] UDP-Lite hash table entries: 8192 (order: 6, 262144 bytes)

[ 1.405616] NET: Registered protocol family 1

[ 1.406502] RPC: Registered named UNIX socket transport module.

[ 1.406554] RPC: Registered udp transport module.

[ 1.406595] RPC: Registered tcp transport module.

[ 1.406636] RPC: Registered tcp NFSv4.1 backchannel transport module.

[ 1.406689] PCI: CLS 0 bytes, default 64

[ 1.406949] Trying to unpack rootfs image as initramfs...

[ 1.431823] random: fast init done

[ 1.437211] host1x 13e10000.host1x: initialized

[ 1.440652] hw perfevents: enabled with armv8\_pmuv3 PMU driver, 7 counters available

[ 1.447544] audit: initializing netlink subsys (disabled)

[ 1.447644] audit: type=2000 audit(0.956:1): initialized

[ 1.448791] workingset: timestamp\_bits=46 max\_order=22 bucket\_order=0

[ 1.464309] squashfs: version 4.0 (2009/01/31) Phillip Lougher

[ 1.466408] ntfs: driver 2.1.32 [Flags: R/W].

[ 1.467477] 9p: Installing v9fs 9p2000 file system support

[ 1.475010] Block layer SCSI generic (bsg) driver version 0.4 loaded (major 240)

[ 1.475392] io scheduler noop registered

[ 1.475757] io scheduler cfq registered (default)

[ 1.480485] gic 2a41000.agic-controller: GIC IRQ controller registered

[ 1.521042] iommu: Adding device 2993000.adsp to group 59

[ 1.628500] iommu: Adding device aconnect@2a41000:adsp\_audio to group 60

[ 1.629651] tegra-aconnect aconnect@2a41000: Tegra ACONNECT bus registered

[ 1.646605] tegra-pwm c340000.pwm: PWM clk can sleep in ops

[ 1.647270] tegra-pwm 32c0000.pwm: PWM clk can sleep in ops

[ 1.647894] tegra-pwm 32f0000.pwm: PWM clk can sleep in ops

[ 1.651454] tegra\_camera\_platform tegra-camera-platform: tegra\_camera\_probe:camera\_platform\_driver probe

[ 1.651840] misc tegra\_camera\_ctrl: tegra\_camera\_isomgr\_register tpg\_max\_iso = 3916800KBs

[ 1.651916] misc tegra\_camera\_ctrl: tegra\_camera\_isomgr\_register isp\_iso\_bw=4687500, vi\_iso\_bw=2000000, max\_bw=4687500

[ 1.656203] tsec 15500000.tsec: initialized

[ 1.658367] tsec 15100000.tsecb: initialized

[ 1.663982] nvdec 15480000.nvdec: initialized

[ 1.667991] nvdec 15140000.nvdec1: initialized

[ 1.675113] falcon 15340000.vic: initialized

[ 1.677587] falcon 15380000.nvjpg: initialized

[ 1.679757] falcon 154c0000.nvenc: initialized

[ 1.682144] falcon 15a80000.nvenc1: initialized

[ 1.685365] iommu\_context\_dev 13e10000.host1x:ctx0: initialized (streamid=56)

[ 1.687952] iommu\_context\_dev 13e10000.host1x:ctx1: initialized (streamid=57)

[ 1.690467] iommu\_context\_dev 13e10000.host1x:ctx2: initialized (streamid=58)

[ 1.693009] iommu\_context\_dev 13e10000.host1x:ctx3: initialized (streamid=59)

[ 1.695377] iommu\_context\_dev 13e10000.host1x:ctx4: initialized (streamid=60)

[ 1.697297] iommu\_context\_dev 13e10000.host1x:ctx5: initialized (streamid=61)

[ 1.699376] iommu\_context\_dev 13e10000.host1x:ctx6: initialized (streamid=62)

[ 1.701319] iommu\_context\_dev 13e10000.host1x:ctx7: initialized (streamid=63)

[ 1.706014] t194-nvcsi 15a00000.nvcsi: initialized

[ 1.712450] scare-pigeon 13e10000.host1x:vi-thi@15f00000: initialized

[ 1.713052] scare-pigeon 14b00000.isp-thi: initialized

[ 1.723551] pva 16000000.pva0: initialized

[ 1.756063] pva 16800000.pva1: initialized

[ 1.787429] nvdla 15880000.nvdla0: initialized

[ 1.792290] nvdla 158c0000.nvdla1: initialized

[ 1.796491] tegra-slvs-ec 15ac0000.slvs-ec: initialized

[ 1.796800] tegra-slvs-ec 15ac0000.slvs-ec: no streams defined

[ 1.796887] tegra-slvs-ec 15ac0000.slvs-ec: failed to init SLVS media controller (-19)

[ 1.796980] tegra-slvs-ec 15ac0000.slvs-ec: probed

[ 1.798407] tegradccommon 15200000.dc\_common: host1x channel mapped

[ 1.798468] tegradccommon 15200000.dc\_common: dc\_common syncpt # 1 allocated

[ 1.798570] tegradccommon 15200000.dc\_common: dma mapping done

[ 1.800009] tegradc 15200000.nvdisplay: disp0 connected to head0->/host1x/sor2

[ 1.800177] generic\_infoframe\_type: 0x87

[ 1.800376] tegradc 15200000.nvdisplay: DT parsed successfully

[ 1.800500] tegradc 15200000.nvdisplay: Display dc.ffffff800bd10000 registered with id=0

[ 1.808033] tegra\_nvdisp\_bandwidth\_register\_max\_config: max config iso bw = 15681600 KB/s

[ 1.808116] tegra\_nvdisp\_bandwidth\_register\_max\_config: max config EMC floor = 1066500000 Hz

[ 1.808178] tegra\_nvdisp\_bandwidth\_register\_max\_config: max config hubclk = 358400000 Hz

[ 1.808537] tegradc 15200000.nvdisplay: vblank syncpt # 8 for dc 0

[ 1.808594] tegradc 15200000.nvdisplay: vpulse3 syncpt # 9 for dc 0

[ 1.810337] tegradc 15200000.nvdisplay: Bootloader disp\_param detected. Detected mode: 1920x1080 (on 0x0mm) pclk=148350937

[ 1.812310] tegra-adma 2930000.adma: Tegra210 ADMA driver registered 16 channels

[ 1.813704] tegra-fuse-burn 3820000.efuse:efuse-burn: Fuse burn driver initialized

[ 1.814576] kfuse 3830000.kfuse: initialized

[ 1.814584] tegradc 15200000.nvdisplay: hdmi: invalid prod list prod\_list\_hdmi\_board

[ 1.814606] tegradc 15200000.nvdisplay: hdmi: tegra\_hdmi\_tmds\_range\_read(bd) failed

[ 1.819730] tegradc 15200000.nvdisplay: probed

[ 1.823233] Serial: 8250/16550 driver, 4 ports, IRQ sharing disabled

[ 1.826757] 3100000.serial: ttyTHS0 at MMIO 0x3100000 (irq = 49, base\_baud = 0) is a TEGRA\_UART

[ 1.828614] 3110000.serial: ttyTHS1 at MMIO 0x3110000 (irq = 50, base\_baud = 0) is a TEGRA\_UART

[ 1.829972] 3140000.serial: ttyTHS4 at MMIO 0x3140000 (irq = 51, base\_baud = 0) is a TEGRA\_UART

[ 4.296400] console [ttyTCU0] enabled

[ 4.297104] Console: switching to colour frame buffer device 240x67

[ 4.297107] [drm] Initialized

[ 4.309555] tegradc 15200000.nvdisplay: fb registered

[ 4.314995] gpio tegra-gpio wake71 for gpio=98(M:2)

[ 4.317564] brd: module loaded

[ 4.323182] tegra\_nvdisp\_handle\_pd\_enable: Unpowergated Head0 pd

[ 4.326226] loop: module loaded

[ 4.326355] tegra\_profiler: version: 1.132, samples/io: 46/26

[ 4.326551] tegra\_profiler: auth: init

[ 4.327103] nct1008\_nct72 4-004c: starting parse dt

[ 4.327222] nct1008\_nct72 4-004c: !!!Found deprecated property!!!

[ 4.327233] nct1008\_nct72 4-004c: success parsing dt

[ 4.327447] nct1008\_nct72 4-004c: success in enabling tmp451 VDD rail

[ 4.327737] THERMAL EST: found 3 subdevs

[ 4.327742] THERMAL EST num\_resources: 0

[ 4.327746] [THERMAL EST subdev 0]

[ 4.327751] [THERMAL EST subdev 1]

[ 4.327757] [THERMAL EST subdev 2]

[ 4.328217] thermal thermal\_zone7: Registering thermal zone thermal\_zone7 for type thermal-fan-est

[ 4.328219] THERMAL EST: thz register success.

[ 4.328531] THERMAL EST: end of probe, return err: 0

[ 4.329509] ufs\_tegra 2450000.ufshci: freq-table-hz property not specified

[ 4.329522] ufs\_tegra 2450000.ufshci: ufshcd\_populate\_vreg: Unable to find vdd-hba-supply regulator, assuming enabled

[ 4.330724] ufs\_tegra 2450000.ufshci: wakeup init done, cdirq 458

[ 4.330735] gpio tegra-gpio-aon wake25 for gpio=32(EE:0)

[ 4.343786] scsi host0: ufshcd

[ 4.359041] hisi\_sas: driver version v1.6

[ 4.360011] nct1008\_nct72 4-004c: LOC shutdown limit 107

[ 4.361066] nct1008\_nct72 4-004c: EXT shutdown limit 109

[ 4.364834] libphy: Fixed MDIO Bus: probed

[ 4.365520] tun: Universal TUN/TAP device driver, 1.6

[ 4.365523] tun: (C) 1999-2004 Max Krasnyansky <maxk@qualcomm.com>

[ 4.366572] e1000e: Intel(R) PRO/1000 Network Driver - 3.2.6-k

[ 4.366576] e1000e: Copyright(c) 1999 - 2015 Intel Corporation.

[ 4.366632] igb: Intel(R) Gigabit Ethernet Network Driver - version 5.4.0-k

[ 4.366634] igb: Copyright (c) 2007-2014 Intel Corporation.

[ 4.366682] igbvf: Intel(R) Gigabit Virtual Function Network Driver - version 2.4.0-k

[ 4.366684] igbvf: Copyright (c) 2009 - 2012 Intel Corporation.

[ 4.366756] Intel(R) 10GbE PCI Express Linux Network Driver - version 4.6.4

[ 4.366759] Copyright(c) 1999 - 2017 Intel Corporation.

[ 4.368292] eqos 2490000.ether\_qos: no PHY interrupt found

[ 4.372410] eqos 2490000.ether\_qos: Setting local MAC: 0 4 4b cb 92 4c

[ 4.372551] libphy: dwc\_phy: probed

[ 4.375526] PPP generic driver version 2.4.2

[ 4.375788] PPP BSD Compression module registered

[ 4.375792] PPP Deflate Compression module registered

[ 4.375814] PPP MPPE Compression module registered

[ 4.375818] NET: Registered protocol family 24

[ 4.375892] usbcore: registered new interface driver r8152

[ 4.375967] usbcore: registered new interface driver asix

[ 4.376020] usbcore: registered new interface driver ax88179\_178a

[ 4.376071] usbcore: registered new interface driver cdc\_ether

[ 4.376122] usbcore: registered new interface driver net1080

[ 4.376162] usbcore: registered new interface driver cdc\_subset

[ 4.376203] usbcore: registered new interface driver zaurus

[ 4.376259] usbcore: registered new interface driver cdc\_ncm

[ 4.376560] VFIO - User Level meta-driver version: 0.3

[ 4.378053] ehci\_hcd: USB 2.0 'Enhanced' Host Controller (EHCI) Driver

[ 4.378073] ehci-pci: EHCI PCI platform driver

[ 4.378136] ohci\_hcd: USB 1.1 'Open' Host Controller (OHCI) Driver

[ 4.378146] ohci-pci: OHCI PCI platform driver

[ 4.378246] ohci-platform: OHCI generic platform driver

[ 4.385697] tegra-xusb 3610000.xhci: USB2 port 0 has OTG\_CAP

[ 4.385703] tegra-xusb 3610000.xhci: USB3 port 2 has OTG\_CAP

[ 4.388908] Could not get extcon-dev /xhci@3610000:id(0)

[ 4.392429] usbcore: registered new interface driver uas

[ 4.392532] usbcore: registered new interface driver usb-storage

[ 4.392737] usbcore: registered new interface driver usbserial

[ 4.394539] nct1008\_nct72 4-004c: initial LOC temp: 44000

[ 4.395072] nct1008\_nct72 4-004c: initial EXT temp: 56000

[ 4.396206] nct1008\_nct72 4-004c: hi\_b:-10, lo\_b:128

[ 4.396528] tegra-xudc-new 3550000.xudc: PMQOS CPU boost enabled

[ 4.396598] Could not get extcon-dev /xudc@3550000:vbus(0)

[ 4.397228] nct1008\_nct72 4-004c: nct1008\_probe: initialized

[ 4.399750] ucsi\_ccg 1-0008: FW1 Version: gn v12.05, [Base 3.1.2.1487]

[ 4.399796] ucsi\_ccg 1-0008: FW2 Version: gn v12.05, [Base 3.1.2.1487]

[ 4.400938] ucsi\_ccg 1-0008: fw\_mode: 2

[ 4.400944] ucsi\_ccg 1-0008: fw1\_invalid: 0

[ 4.400949] ucsi\_ccg 1-0008: fw2\_invalid: 0

[ 4.400955] ucsi\_ccg 1-0008: silicon\_id: 0x1f00

[ 4.401227] ucsi\_ccg 1-0008: typec-port0 extcon dev created

[ 4.401423] ucsi\_ccg 1-0008: typec-port1 extcon dev created

[ 4.401588] ucsi\_ccg 1-0008: typec-pd extcon dev created

[ 4.401845] gpio tegra-gpio-aon wake48 for gpio=10(BB:2)

[ 4.403803] ucsi\_ccg 1-0008: [typec-port0] Cable state:1, cable id:1

[ 4.407792] ucsi\_ccg 1-0008: HPI Command Success.

[ 4.410512] ucsi\_ccg 1-0008: HPI Command Success.

[ 4.410570] ucsi\_ccg 1-0008: ucsi\_ccg\_init: complete

[ 4.411416] mousedev: PS/2 mouse device common for all mice

[ 4.411525] usbcore: registered new interface driver xpad

[ 4.546427] max77686-rtc max77620-rtc: rtc core: registered max77620-rtc as rtc0

[ 4.548362] Wake73 for irq=42

[ 4.549769] rtc rtc1: alarm rtc device

[ 4.549788] tegra\_rtc c2a0000.rtc: rtc core: registered c2a0000.rtc as rtc1

[ 4.549819] tegra\_rtc c2a0000.rtc: Tegra internal Real Time Clock

[ 4.549997] i2c /dev entries driver

[ 4.554818] max77620-power max20024-power: Event recorder REG\_NVERC : 0x44

[ 4.560081] tegra-bpmp-thermal d000000.bpmp:bpmpthermal: zone 0 not supported

[ 4.560447] tegra-bpmp-thermal d000000.bpmp:bpmpthermal: zone 2 not supported

[ 4.563584] tegra-thermal-throttle bthrot\_cdev: clk:cpu max:2265600000, min:115200000 steps:28

[ 4.618003] tegra-thermal-throttle bthrot\_cdev: clk:gpu max:1377000000, min:114750000 steps:13

[ 4.618085] tegra-thermal-throttle bthrot\_cdev: cdev:skin-balanced clk:0:cpu off:0 slope-adj:200

[ 4.618091] tegra-thermal-throttle bthrot\_cdev: cdev:skin-balanced clk:1:gpu off:0 slope-adj:400

[ 4.618340] tegra-thermal-throttle bthrot\_cdev: cdev:skin-balanced max\_state:56 cutoff:0

[ 4.618452] tegra-thermal-throttle bthrot\_cdev: cdev:gpu-balanced clk:0:cpu off:0 slope-adj:400

[ 4.618458] tegra-thermal-throttle bthrot\_cdev: cdev:gpu-balanced clk:1:gpu off:0 slope-adj:400

[ 4.618795] tegra-thermal-throttle bthrot\_cdev: cdev:gpu-balanced max\_state:52 cutoff:1

[ 4.618887] tegra-thermal-throttle bthrot\_cdev: cdev:cpu-balanced clk:0:cpu off:0 slope-adj:200

[ 4.618935] tegra-thermal-throttle bthrot\_cdev: cdev:cpu-balanced clk:1:gpu off:365500000 slope-adj:300

[ 4.619260] tegra-thermal-throttle bthrot\_cdev: cdev:cpu-balanced max\_state:56 cutoff:0

[ 4.619333] tegra-thermal-throttle bthrot\_cdev: cdev:emergency-balanced clk:0:cpu off:38400000 slope-adj:10

[ 4.619379] tegra-thermal-throttle bthrot\_cdev: cdev:emergency-balanced clk:1:gpu off:25500000 slope-adj:10

[ 4.619785] tegra-thermal-throttle bthrot\_cdev: cdev:emergency-balanced max\_state:2 cutoff:0

[ 4.619920] tegra-thermal-throttle bthrot\_cdev: cdev:aux-balanced clk:0:cpu off:0 slope-adj:400

[ 4.619956] tegra-thermal-throttle bthrot\_cdev: cdev:aux-balanced clk:1:gpu off:0 slope-adj:400

[ 4.620280] tegra-thermal-throttle bthrot\_cdev: cdev:aux-balanced max\_state:52 cutoff:1

[ 4.621118] FAN dev name: pwm-fan

[ 4.621214] FAN:gpio request success.

[ 4.621226] FAN: can't find tach\_gpio

[ 4.621261] pwm\_fan\_driver pwm-fan: cap state:7, cap pwm:255

[ 4.621652] pwm\_fan\_driver pwm-fan: got pwm for fan. polarity is normal

[ 4.621658] pwm\_fan\_driver pwm-fan: tach period: 1000

[ 4.622019] pwm\_fan\_driver pwm-fan: index 0: pwm=0, rpm=0, rru=40, rrd=40, state:2

[ 4.622065] pwm\_fan\_driver pwm-fan: index 1: pwm=77, rpm=1000, rru=2, rrd=2, state:2

[ 4.622071] pwm\_fan\_driver pwm-fan: index 2: pwm=120, rpm=2000, rru=1, rrd=1, state:2

[ 4.622076] pwm\_fan\_driver pwm-fan: index 3: pwm=160, rpm=3000, rru=1, rrd=1, state:2

[ 4.622082] pwm\_fan\_driver pwm-fan: index 4: pwm=255, rpm=4000, rru=1, rrd=1, state:3

[ 4.622087] pwm\_fan\_driver pwm-fan: index 5: pwm=255, rpm=5000, rru=1, rrd=1, state:3

[ 4.622092] pwm\_fan\_driver pwm-fan: index 6: pwm=255, rpm=6000, rru=1, rrd=1, state:3

[ 4.622097] pwm\_fan\_driver pwm-fan: index 7: pwm=255, rpm=7000, rru=1, rrd=1, state:4

[ 4.622102] pwm\_fan\_driver pwm-fan: index 8: pwm=255, rpm=10000, rru=1, rrd=1, state:4

[ 4.622108] pwm\_fan\_driver pwm-fan: index 9: pwm=255, rpm=11000, rru=1, rrd=1, state:4

[ 4.623519] device-mapper: uevent: version 1.0.3

[ 4.624347] device-mapper: ioctl: 4.35.0-ioctl (2016-06-23) initialised: dm-devel@redhat.com

[ 4.644533] tegra194\_cpufreq\_probe: platform driver Initialization: pass

[ 4.646072] cpuidle: Initializing cpuidle driver

[ 4.657911] sdhci: Secure Digital Host Controller Interface driver

[ 4.657912] sdhci: Copyright(c) Pierre Ossman

[ 4.657914] sdhci-pltfm: SDHCI platform and OF driver helper

[ 4.659193] sdhci-tegra 3460000.sdhci: Client registration for eMC Successful

[ 4.660930] CMDQ: cmdq\_platfm\_init successful

[ 4.661524] sdhci-tegra 3400000.sdhci: Got CD GPIO

[ 4.664264] sdhci-tegra 3400000.sdhci: Client registration for eMC Successful

[ 4.665740] sdhci-tegra 3400000.sdhci: wakeup init done, cdirq 253

[ 4.670087] tegra-se-elp 3ad0000.se\_elp: tegra\_se\_elp\_probe: complete

[ 4.706194] mmc0: SDHCI controller on 3460000.sdhci [3460000.sdhci] using ADMA 64-bit with 64 bit addr

[ 4.715245] gpio tegra-gpio wake8 for gpio=55(G:7)

[ 4.715328] mmc1: SDHCI controller on 3400000.sdhci [3400000.sdhci] using ADMA 64-bit with 64 bit addr

[ 4.791953] mmc0: mmc\_decode\_ext\_csd: CMDQ supported: depth: 31, cmdq\_support: 1

[ 4.802992] mmc0: periodic cache flush enabled

[ 4.803008] mmc0: new HS400 Enhanced strobe MMC card at address 0001

[ 4.803664] mmcblk0: mmc0:0001 HBG4a2 29.1 GiB

[ 4.803928] mmcblk0boot0: mmc0:0001 HBG4a2 partition 1 8.00 MiB

[ 4.804130] mmcblk0boot1: mmc0:0001 HBG4a2 partition 2 8.00 MiB

[ 4.808406] mmcblk0rpmb: mmc0:0001 HBG4a2 partition 3 4.00 MiB

[ 4.811257] 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

[ 5.243567] tegra\_nvdisp\_handle\_pd\_enable: Unpowergated Head1 pd

[ 5.252231] Parent Clock set for DC plld3

[ 5.320019] tegradc 15200000.nvdisplay: hdmi: tmds rate:148351K prod-setting:prod\_c\_hdmi\_111m\_223m

[ 5.321035] tegradc 15200000.nvdisplay: hdmi: get RGB quant from REG programmed by BL.

[ 5.321211] tegradc 15200000.nvdisplay: hdmi: get YCC quant from REG programmed by BL.

[ 5.321820] extcon-disp-state external-connection:disp-state: cable 48 state 1

[ 5.321973] Extcon AUX2(HDMI) enable

[ 5.322489] tegradc 15210000.nvdisplay: disp1 connected to head1->/host1x/sor

[ 5.322673] tegradc 15210000.nvdisplay: parse\_dp\_settings: No dp-lt-settings node

[ 5.322864] tegradc 15210000.nvdisplay: DT parsed successfully

[ 5.323025] tegradc 15210000.nvdisplay: Display dc.ffffff800d310000 registered with id=1

[ 5.323360] tegradc 15210000.nvdisplay: vblank syncpt # 11 for dc 1

[ 5.324299] tegradc 15210000.nvdisplay: vpulse3 syncpt # 12 for dc 1

[ 5.338000] tegradc 15210000.nvdisplay: probed

[ 5.358382] tegradc 15210000.nvdisplay: fb registered

[ 5.361852] hpd: state 7 (Takeover from bootloader), hpd 0, pending\_hpd\_evt 1

[ 5.362023] hpd: switching from state 7 (Takeover from bootloader) to state 0 (Reset)

[ 5.362194] hpd: state 0 (Reset), hpd 0, pending\_hpd\_evt 0

[ 5.362317] tegradc 15210000.nvdisplay: blank - powerdown

[ 5.365978] extcon-disp-state external-connection:disp-state: cable 44 state 0 already set.

[ 5.366683] tegradc 15220000.nvdisplay: disp2 connected to head2->/host1x/sor1

[ 5.366703] tegradc 15220000.nvdisplay: parse\_dp\_settings: No dp-lt-settings node

[ 5.366755] tegradc 15220000.nvdisplay: DT parsed successfully

[ 5.366790] tegradc 15220000.nvdisplay: Display dc.ffffff800d810000 registered with id=2

[ 5.366960] tegradc 15220000.nvdisplay: vblank syncpt # 13 for dc 2

[ 5.366964] tegradc 15220000.nvdisplay: vpulse3 syncpt # 14 for dc 2

[ 5.415581] Extcon DP: HPD disabled

[ 5.419253] hpd: hpd\_switch 0

[ 5.422136] hpd: switching from state 0 (Reset) to state 1 (Check Plug)

[ 5.429320] hpd: state 1 (Check Plug), hpd 0, pending\_hpd\_evt 0

[ 5.435214] hpd: switching from state 1 (Check Plug) to state 3 (Disabled)

[ 5.443890] tegradc 15220000.nvdisplay: probed

[ 5.467154] tegradc 15220000.nvdisplay: fb registered

[ 5.470550] hpd: state 7 (Takeover from bootloader), hpd 0, pending\_hpd\_evt 1

[ 5.470704] hpd: switching from state 7 (Takeover from bootloader) to state 0 (Reset)

[ 5.470851] hpd: state 0 (Reset), hpd 0, pending\_hpd\_evt 0

[ 5.472377] tegradc 15220000.nvdisplay: blank - powerdown

[ 5.473920] tegra-se-nvhost 15810000.se: initialized

[ 5.475224] tegra-se-nvhost 15810000.se: tegra\_se\_probe: complete

[ 5.476061] tegra-se-nvhost 15820000.se: initialized

[ 5.477087] tegra-se-nvhost 15820000.se: tegra\_se\_probe: complete

[ 5.477975] tegra-se-nvhost 15830000.se: initialized

[ 5.478554] tegra-se-nvhost 15830000.se: tegra\_se\_probe: complete

[ 5.479267] tegra-se-nvhost 15840000.se: initialized

[ 5.486719] tegra-se-nvhost 15840000.se: tegra\_se\_probe: complete

[ 5.486943] hidraw: raw HID events driver (C) Jiri Kosina

[ 5.488191] usbcore: registered new interface driver usbhid

[ 5.488192] usbhid: USB HID core driver

[ 5.499060] tegra186-cam-rtcpu bc00000.rtcpu: deferring, 14800000.isp is not probed

[ 5.500102] tegra\_aon c1a0000.aon: tegra aon driver probe OK

[ 5.500633] tegra186-aondbg aondbg: aondbg driver probe() OK

[ 5.501197] denver\_knobs\_init:MTS\_VERSION:44201972

[ 5.501374] tegra19x\_actmon d230000.actmon: in actmon\_register()...

[ 5.502095] tegra19x\_actmon d230000.actmon: initialization Completed for the device mc\_all

[ 5.502508] t19x\_cache tegra-cache: probed

[ 5.508642] misc nvmap: cvsram :dma coherent mem declare 0x0000000050000000,4194304

[ 5.508649] misc nvmap: created heap cvsram base 0x0000000050000000 size (4096KiB)

[ 5.511164] nvpmodel: initialized successfully

[ 5.512188] usbcore: registered new interface driver snd-usb-audio

[ 5.512694] tegra-hda 3510000.hda: Override SDO lines to 4

[ 5.532676] input: tegra-hda-galen-t194 HDMI/DP,pcm=3 as /devices/3510000.hda/sound/card0/input0

[ 5.532841] input: tegra-hda-galen-t194 HDMI/DP,pcm=7 as /devices/3510000.hda/sound/card0/input1

[ 5.532998] input: tegra-hda-galen-t194 HDMI/DP,pcm=8 as /devices/3510000.hda/sound/card0/input2

[ 5.533153] input: tegra-hda-galen-t194 HDMI/DP,pcm=9 as /devices/3510000.hda/sound/card0/input3

[ 5.645882] extcon-disp-state external-connection:disp-state: cable 44 state 0 already set.

[ 5.645901] Extcon DP: HPD disabled

[ 5.645903] hpd: hpd\_switch 0

[ 5.645905] hpd: switching from state 0 (Reset) to state 1 (Check Plug)

[ 5.645917] hpd: state 1 (Check Plug), hpd 0, pending\_hpd\_evt 0

[ 5.645921] hpd: switching from state 1 (Check Plug) to state 3 (Disabled)

[ 5.645927] tegradc 15200000.nvdisplay: blank - powerdown

[ 5.687216] extcon-disp-state external-connection:disp-state: cable 48 state 0

[ 5.687218] Extcon AUX2(HDMI) disable

[ 5.709738] tegra\_nvdisp\_handle\_pd\_disable: Powergated Head1 pd

[ 5.710176] tegra\_nvdisp\_handle\_pd\_disable: Powergated Head0 pd

[ 5.721086] tegradc 15200000.nvdisplay: unblank

[ 5.721867] tegra\_nvdisp\_handle\_pd\_enable: Unpowergated Head0 pd

[ 5.721970] tegra\_nvdisp\_handle\_pd\_enable: Unpowergated Head1 pd

[ 5.723864] Parent Clock set for DC plld3

[ 5.727695] tegradc 15200000.nvdisplay: hdmi: tmds rate:148500K prod-setting:prod\_c\_hdmi\_111m\_223m

[ 5.728933] tegradc 15200000.nvdisplay: hdmi: get RGB quant from EDID.

[ 5.729037] tegradc 15200000.nvdisplay: hdmi: get YCC quant from EDID.

[ 5.732602] extcon-disp-state external-connection:disp-state: cable 48 state 1

[ 5.732604] Extcon AUX2(HDMI) enable

[ 7.310812] gpio tegra-gpio wake12 for gpio=149(S:5)

[ 7.426588] OPE platform probe

[ 7.426751] OPE platform probe successful

[ 7.559497] tegra-asoc: sound: ADMAIF1 <-> ADMAIF1 mapping ok

[ 7.559588] tegra-asoc: sound: ADMAIF2 <-> ADMAIF2 mapping ok

[ 7.559670] tegra-asoc: sound: ADMAIF3 <-> ADMAIF3 mapping ok

[ 7.559799] tegra-asoc: sound: ADMAIF4 <-> ADMAIF4 mapping ok

[ 7.559912] tegra-asoc: sound: ADMAIF5 <-> ADMAIF5 mapping ok

[ 7.560027] tegra-asoc: sound: ADMAIF6 <-> ADMAIF6 mapping ok

[ 7.560112] tegra-asoc: sound: ADMAIF7 <-> ADMAIF7 mapping ok

[ 7.560191] tegra-asoc: sound: ADMAIF8 <-> ADMAIF8 mapping ok

[ 7.560282] tegra-asoc: sound: ADMAIF9 <-> ADMAIF9 mapping ok

[ 7.560357] tegra-asoc: sound: ADMAIF10 <-> ADMAIF10 mapping ok

[ 7.560434] tegra-asoc: sound: ADMAIF11 <-> ADMAIF11 mapping ok

[ 7.560514] tegra-asoc: sound: ADMAIF12 <-> ADMAIF12 mapping ok

[ 7.560592] tegra-asoc: sound: ADMAIF13 <-> ADMAIF13 mapping ok

[ 7.560673] tegra-asoc: sound: ADMAIF14 <-> ADMAIF14 mapping ok

[ 7.560750] tegra-asoc: sound: ADMAIF15 <-> ADMAIF15 mapping ok

[ 7.560830] tegra-asoc: sound: ADMAIF16 <-> ADMAIF16 mapping ok

[ 7.560918] tegra-asoc: sound: ADMAIF17 <-> ADMAIF17 mapping ok

[ 7.561048] tegra-asoc: sound: ADMAIF18 <-> ADMAIF18 mapping ok

[ 7.561171] tegra-asoc: sound: ADMAIF19 <-> ADMAIF19 mapping ok

[ 7.561257] tegra-asoc: sound: ADMAIF20 <-> ADMAIF20 mapping ok

[ 7.608068] input: tegra-snd-t19x-mobile-rt565x Headset Jack as /devices/sound/sound/card1/input4

[ 7.609347] u32 classifier

[ 7.609349] Actions configured

[ 7.609427] Initializing XFRM netlink socket

[ 7.609972] NET: Registered protocol family 10

[ 7.610738] NET: Registered protocol family 17

[ 7.610748] NET: Registered protocol family 15

[ 7.610808] bridge: filtering via arp/ip/ip6tables is no longer available by default. Update your scripts to load br\_netfilter if you need this.

[ 7.610886] Bluetooth: RFCOMM socket layer initialized

[ 7.610897] Bluetooth: RFCOMM ver 1.11

[ 7.610901] Bluetooth: HIDP (Human Interface Emulation) ver 1.2

[ 7.610910] Bluetooth: HIDP socket layer initialized

[ 7.610923] 9pnet: Installing 9P2000 support

[ 7.610954] Key type dns\_resolver registered

[ 7.611176] Registered cp15\_barrier emulation handler

[ 7.611226] Registered setend emulation handler

[ 7.612592] registered taskstats version 1

[ 7.613100] pcie-tegra.c:nvidia,max-speed is 3 | NOTE: 1: Gen1, 2: Gen2, 3: Gen3

[ 7.613101] tegra-pcie-dw 141a0000.pcie\_ep: Setting init speed to max speed

[ 7.614246] pcie-tegra.c:nvidia,max-speed is 4 | NOTE: 1: Gen1, 2: Gen2, 3: Gen3

[ 7.614247] tegra-pcie-dw 14180000.pcie: Setting init speed to max speed

[ 7.615242] OF: PCI: host bridge /pcie@14180000 ranges:

[ 7.615308] OF: PCI: IO 0x38100000..0x381fffff -> 0x38100000

[ 7.615316] OF: PCI: MEM 0x38200000..0x39ffffff -> 0x38200000

[ 7.615319] OF: PCI: MEM 0x1800000000..0x1bffffffff -> 0x1800000000

[ 8.040650] extcon-disp-state external-connection:disp-state: cable 40 state 1

[ 8.047882] Extcon HDMI: HPD enabled

[ 8.051399] tegradc 15200000.nvdisplay: hdmi: plugged

[ 8.124154] tegra-pcie-dw 14180000.pcie: link is down

[ 8.125532] tegra-pcie-dw 14180000.pcie: PCI host bridge to bus 0000:00

[ 8.126603] pci\_bus 0000:00: root bus resource [bus 00-ff]

[ 8.127615] pci\_bus 0000:00: root bus resource [io 0x0000-0xfffff] (bus address [0x38100000-0x381fffff])

[ 8.128720] pci\_bus 0000:00: root bus resource [mem 0x38200000-0x39ffffff]

[ 8.129769] pci\_bus 0000:00: root bus resource [mem 0x1800000000-0x1bffffffff pref]

[ 8.130884] pci 0000:00:00.0: [10de:1ad0] type 01 class 0x060400

[ 8.131048] pci 0000:00:00.0: PME# supported from D0 D3hot D3cold

[ 8.131351] iommu: Adding device 0000:00:00.0 to group 61

[ 8.132612] pci 0000:00:00.0: PCI bridge to [bus 01-ff]

[ 8.133645] pci 0000:00:00.0: Max Payload Size set to 256/ 256 (was 256), Max Read Rq 512

[ 8.135014] pcieport 0000:00:00.0: Signaling PME through PCIe PME interrupt

[ 8.136108] pcie\_pme 0000:00:00.0:pcie001: service driver pcie\_pme loaded

[ 8.136217] aer 0000:00:00.0:pcie002: service driver aer loaded

[ 8.136421] pcie\_pme 0000:00:00.0:pcie001: unloading service driver pcie\_pme

[ 8.136467] aer 0000:00:00.0:pcie002: unloading service driver aer

[ 8.136548] pci\_bus 0000:01: busn\_res: [bus 01-ff] is released

[ 8.136642] iommu: Removing device 0000:00:00.0 from group 61

[ 8.137748] pci\_bus 0000:00: busn\_res: [bus 00-ff] is released

[ 8.138064] tegra-pcie-dw 14180000.pcie: PCIe link is not up...!

[ 8.140011] pcie-tegra.c:nvidia,max-speed is 2 | NOTE: 1: Gen1, 2: Gen2, 3: Gen3

[ 8.142976] tegra-pcie-dw 14100000.pcie: Setting init speed to max speed

[ 8.150767] OF: PCI: host bridge /pcie@14100000 ranges:

[ 8.154993] OF: PCI: IO 0x30100000..0x301fffff -> 0x30100000

[ 8.160819] OF: PCI: MEM 0x30200000..0x31ffffff -> 0x30200000

[ 8.166477] OF: PCI: MEM 0x1200000000..0x123fffffff -> 0x1200000000

[ 8.282209] tegra-pcie-dw 14100000.pcie: link is up

[ 8.283631] tegra-pcie-dw 14100000.pcie: PCI host bridge to bus 0001:00

[ 8.284804] pci\_bus 0001:00: root bus resource [bus 00-ff]

[ 8.285915] pci\_bus 0001:00: root bus resource [io 0x100000-0x1fffff] (bus address [0x30100000-0x301fffff])

[ 8.287193] pci\_bus 0001:00: root bus resource [mem 0x30200000-0x31ffffff]

[ 8.288385] pci\_bus 0001:00: root bus resource [mem 0x1200000000-0x123fffffff pref]

[ 8.289614] pci 0001:00:00.0: [10de:1ad2] type 01 class 0x060400

[ 8.289791] pci 0001:00:00.0: PME# supported from D0 D3hot D3cold

[ 8.290058] iommu: Adding device 0001:00:00.0 to group 61

[ 8.291583] pci 0001:01:00.0: [1b4b:9171] type 00 class 0x010601

[ 8.291688] pci 0001:01:00.0: reg 0x10: [io 0x8000-0x8007]

[ 8.291749] pci 0001:01:00.0: reg 0x14: [io 0x8040-0x8043]

[ 8.291815] pci 0001:01:00.0: reg 0x18: [io 0x8100-0x8107]

[ 8.291877] pci 0001:01:00.0: reg 0x1c: [io 0x8140-0x8143]

[ 8.291938] pci 0001:01:00.0: reg 0x20: [io 0x800000-0x80000f]

[ 8.291999] pci 0001:01:00.0: reg 0x24: [mem 0x00900000-0x009001ff]

[ 8.292060] pci 0001:01:00.0: reg 0x30: [mem 0xd0000000-0xd000ffff pref]

[ 8.292405] pci 0001:01:00.0: PME# supported from D3hot

[ 8.292645] iommu: Adding device 0001:01:00.0 to group 62

[ 8.302920] pci 0001:00:00.0: BAR 14: assigned [mem 0x30200000-0x302fffff]

[ 8.304184] pci 0001:00:00.0: BAR 13: assigned [io 0x100000-0x100fff]

[ 8.305422] pci 0001:01:00.0: BAR 6: assigned [mem 0x30200000-0x3020ffff pref]

[ 8.306717] pci 0001:01:00.0: BAR 5: assigned [mem 0x30210000-0x302101ff]

[ 8.307965] pci 0001:01:00.0: BAR 4: assigned [io 0x100000-0x10000f]

[ 8.309217] pci 0001:01:00.0: BAR 0: assigned [io 0x100010-0x100017]

[ 8.310475] pci 0001:01:00.0: BAR 2: assigned [io 0x100018-0x10001f]

[ 8.311752] pci 0001:01:00.0: BAR 1: assigned [io 0x100020-0x100023]

[ 8.313051] pci 0001:01:00.0: BAR 3: assigned [io 0x100024-0x100027]

[ 8.314328] pci 0001:00:00.0: PCI bridge to [bus 01-ff]

[ 8.315569] pci 0001:00:00.0: bridge window [io 0x100000-0x100fff]

[ 8.316816] pci 0001:00:00.0: bridge window [mem 0x30200000-0x302fffff]

[ 8.322647] pci 0001:00:00.0: Max Payload Size set to 256/ 256 (was 256), Max Read Rq 512

[ 8.331140] pci 0001:01:00.0: Max Payload Size set to 256/ 512 (was 128), Max Read Rq 512

[ 8.339979] pcieport 0001:00:00.0: Signaling PME through PCIe PME interrupt

[ 8.346889] pci 0001:01:00.0: Signaling PME through PCIe PME interrupt

[ 8.353342] pcie\_pme 0001:00:00.0:pcie001: service driver pcie\_pme loaded

[ 8.353497] aer 0001:00:00.0:pcie002: service driver aer loaded

[ 8.353861] ahci 0001:01:00.0: version 3.0

[ 8.354202] ahci 0001:01:00.0: AHCI 0001.0000 32 slots 1 ports 6 Gbps 0x1 impl SATA mode

[ 8.361129] ahci 0001:01:00.0: flags: 64bit ncq sntf led only pmp fbs pio slum part sxs

[ 8.370082] scsi host1: ahci

[ 8.372395] ata1: SATA max UDMA/133 abar m512@0x30210000 port 0x30210100 irq 562

[ 8.380064] pcie-tegra.c:nvidia,max-speed is 4 | NOTE: 1: Gen1, 2: Gen2, 3: Gen3

[ 8.386886] tegra-pcie-dw 14140000.pcie: Setting init speed to max speed

[ 8.394595] OF: PCI: host bridge /pcie@14140000 ranges:

[ 8.399061] OF: PCI: IO 0x34100000..0x341fffff -> 0x34100000

[ 8.404802] OF: PCI: MEM 0x34200000..0x35ffffff -> 0x34200000

[ 8.410728] OF: PCI: MEM 0x1280000000..0x12bfffffff -> 0x1280000000

[ 8.692793] ata1: SATA link down (SStatus 0 SControl 300)

[ 8.929602] tegra-pcie-dw 14140000.pcie: link is down

[ 8.931237] tegra-pcie-dw 14140000.pcie: PCI host bridge to bus 0003:00

[ 8.932613] pci\_bus 0003:00: root bus resource [bus 00-ff]

[ 8.933942] pci\_bus 0003:00: root bus resource [io 0x200000-0x2fffff] (bus address [0x34100000-0x341fffff])

[ 8.935405] pci\_bus 0003:00: root bus resource [mem 0x34200000-0x35ffffff]

[ 8.936782] pci\_bus 0003:00: root bus resource [mem 0x1280000000-0x12bfffffff pref]

[ 8.938177] pci 0003:00:00.0: [10de:1ad2] type 01 class 0x060400

[ 8.938332] pci 0003:00:00.0: PME# supported from D0 D3hot D3cold

[ 8.938588] iommu: Adding device 0003:00:00.0 to group 63

[ 8.940178] pci 0003:00:00.0: PCI bridge to [bus 01-ff]

[ 8.941526] pci 0003:00:00.0: Max Payload Size set to 256/ 256 (was 256), Max Read Rq 512

[ 8.943224] pcieport 0003:00:00.0: Signaling PME through PCIe PME interrupt

[ 8.944590] pcie\_pme 0003:00:00.0:pcie001: service driver pcie\_pme loaded

[ 8.944691] aer 0003:00:00.0:pcie002: service driver aer loaded

[ 8.944840] pcie\_pme 0003:00:00.0:pcie001: unloading service driver pcie\_pme

[ 8.944911] aer 0003:00:00.0:pcie002: unloading service driver aer

[ 8.944983] pci\_bus 0003:01: busn\_res: [bus 01-ff] is released

[ 8.945056] iommu: Removing device 0003:00:00.0 from group 63

[ 8.946491] pci\_bus 0003:00: busn\_res: [bus 00-ff] is released

[ 8.946747] tegra-pcie-dw 14140000.pcie: PCIe link is not up...!

[ 8.961365] tegra-cbb 14040000.cv-noc: noc\_secure\_irq = 97, noc\_nonsecure\_irq = 96>

[ 8.967504] tegra194-isp5 14800000.isp: initialized

[ 8.976850] tegra194-vi5 15c10000.vi: initialized

[ 8.983795] tegra194-vi5 15c10000.vi: ep of\_device is not enabled /host1x/vi@15c10000/ports/port@0/endpoint.

[ 8.985273] tegra194-vi5 15c10000.vi: ep of\_device is not enabled /host1x/vi@15c10000/ports/port@1/endpoint.

[ 8.988743] tegra-xusb 3610000.xhci: USB2 port 0 has OTG\_CAP

[ 8.990120] tegra-xusb 3610000.xhci: USB3 port 2 has OTG\_CAP

[ 8.994083] tegra-xusb 3610000.xhci: extcon 0: ffffffc3da87e800 id

[ 8.996108] tegra-xudc-new 3550000.xudc: PMQOS CPU boost enabled

[ 8.997510] tegra-xudc-new 3550000.xudc: device count: 1

[ 8.999013] tegra-xusb 3610000.xhci: Direct firmware load for tegra19x\_xusb\_firmware failed with error -2

[ 9.000430] tegra-xusb 3610000.xhci: Falling back to user helper

[ 9.002561] tegra-xudc-new 3550000.xudc: vbus state: 1

[ 9.006127] tegra-xudc-new 3550000.xudc: device mode on: 0

[ 9.011561] tegra-xudc-new 3550000.xudc: active: 0 => 1

[ 9.016864] tegra-xudc-new 3550000.xudc: Initialize boost\_cpufreq work

[ 9.024076] tegra186-cam-rtcpu bc00000.rtcpu: Trace buffer configured at IOVA=0xbff00000

[ 9.107521] tegra-ivc ivc-bc00000.rtcpu: region 0: iova=0xbfee0000-0xbfefffff size=131072

[ 9.109180] tegra-ivc ivc-bc00000.rtcpu:echo@0: echo: ver=0 grp=1 RX[16x64]=0x1000-0x1480 TX[16x64]=0x1480-0x1900

[ 9.110799] tegra-ivc ivc-bc00000.rtcpu:dbg@1: dbg: ver=0 grp=1 RX[1x384]=0x1900-0x1b00 TX[1x384]=0x1b00-0x1d00

[ 9.112396] tegra-ivc ivc-bc00000.rtcpu:dbg@2: dbg: ver=0 grp=1 RX[1x8192]=0x1d00-0x3d80 TX[1x8192]=0x3d80-0x5e00

[ 9.114192] tegra-ivc ivc-bc00000.rtcpu:ivccontrol@3: ivccontrol: ver=0 grp=1 RX[64x320]=0x5e00-0xae80 TX[64x320]=0xae80-0xff00

[ 9.115727] tegra-ivc ivc-bc00000.rtcpu:ivccapture@4: ivccapture: ver=0 grp=1 RX[512x64]=0xff00-0x17f80 TX[512x64]=0x17f80-0x20000

[ 9.117360] tegra186-cam-rtcpu bc00000.rtcpu: using cam RTCPU IRQ (68)

[ 9.118711] tegra186-cam-rtcpu bc00000.rtcpu: tegra\_camrtc\_mon\_create is successful

[ 9.121131] tegra186-cam-rtcpu bc00000.rtcpu: firmware version cpu=rce cmd=5 sha1=cf2bef3ad10e437272857b76308abef8ffb80bda

[ 9.123000] gpio tegra-gpio wake67 for gpio=48(G:0)

[ 9.124430] gpio tegra-gpio-aon wake29 for gpio=36(EE:4)

[ 9.129905] input: gpio-keys as /devices/gpio-keys/input/input5

[ 9.169681] tegra\_rtc c2a0000.rtc: setting system clock to 2019-07-11 23:18:28 UTC (1562887108)

[ 9.171690] mmcblk mmc0:0001: Card claimed for testing.

[ 9.218595] bpmp: mounted debugfs mirror

[ 9.226031] vdd-1v8-cvb: disabling

[ 9.227440] vdd-1v8-sd: disabling

[ 9.228790] vdd-epb-1v0: disabling

[ 9.230146] avdd-cam-2v8: disabling

[ 9.231525] vdd-sata-1v5: disabling

[ 9.232870] vdd-3v3-slt: disabling

[ 9.234227] vdd-fan: disabling

[ 9.235570] vdd\_sys\_en: disabling

[ 9.236882] vdd-5v-sata: disabling

[ 9.238227] ALSA device list:

[ 9.239560] #0: tegra-hda-galen-t194 at 0x3518000 irq 67

[ 9.240908] #1: tegra-snd-t19x-mobile-rt565x

[ 9.249966] EXT4-fs (mmcblk0p1): mounted filesystem with ordered data mode. Opts: (null)

[ 9.251452] VFS: Mounted root (ext4 filesystem) on device 179:1.

[ 9.254134] devtmpfs: mounted

[ 9.257255] Freeing unused kernel memory: 8512K

[ 9.377841] ip\_tables: (C) 2000-2006 Netfilter Core Team

[ 9.381910] cgroup: cgroup2: unknown option "nsdelegate"

[ 9.391576] 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)

[ 9.396563] systemd[1]: Detected architecture arm64.

[ 9.412064] systemd[1]: Set hostname to <ebots-desktop>.

[ 9.481359] 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.

[ 9.483214] systemd[1]: Proceeding WITHOUT firewalling in effect! (This warning is only shown for the first loaded unit using IP firewalling.)

[ 9.612632] random: systemd: uninitialized urandom read (16 bytes read)

[ 9.619736] systemd[1]: Created slice User and Session Slice.

[ 9.623210] random: systemd: uninitialized urandom read (16 bytes read)

[ 9.624786] systemd[1]: Reached target Swap.

[ 9.628086] random: systemd: uninitialized urandom read (16 bytes read)

[ 9.629655] systemd[1]: Reached target User and Group Name Lookups.

[ 9.633186] systemd[1]: Started Forward Password Requests to Wall Directory Watch.

[ 9.637811] systemd[1]: Created slice System Slice.

[ 9.700633] gpio tegra-gpio wake44 for gpio=192(Y:0)

[ 9.721401] EXT4-fs (mmcblk0p1): re-mounted. Opts: (null)

[ 10.029729] systemd-journald[2416]: Received request to flush runtime journal from PID 1

[ 10.089853] nvgpu: 17000000.gv11b nvgpu\_nvhost\_syncpt\_init:291 [INFO] syncpt\_unit\_base 60000000 syncpt\_unit\_size 400000 size 1000

[ 10.663244] using random self ethernet address

[ 10.665133] using random host ethernet address

[ 10.684137] Mass Storage Function, version: 2009/09/11

[ 10.684145] LUN: removable file: (no medium)

[ 10.690989] using random self ethernet address

[ 10.693946] using random host ethernet address

[ 10.705932] rndis0: HOST MAC 02:3a:04:ea:a1:40

[ 10.706006] rndis0: MAC 02:3a:04:ea:a1:41

[ 10.706985] usb0: HOST MAC 02:3a:04:ea:a1:42

[ 10.707017] usb0: MAC 02:3a:04:ea:a1:43

[ 10.707038] tegra-xudc-new 3550000.xudc: ep 0 (type: 0, dir: out) enabled

[ 10.728241] l4tbr0: port 1(rndis0) entered blocking state

[ 10.728263] l4tbr0: port 1(rndis0) entered disabled state

[ 10.728440] device rndis0 entered promiscuous mode

[ 10.733968] IPv6: ADDRCONF(NETDEV\_UP): rndis0: link is not ready

[ 10.751311] l4tbr0: port 2(usb0) entered blocking state

[ 10.751317] l4tbr0: port 2(usb0) entered disabled state

[ 10.752195] device usb0 entered promiscuous mode

[ 10.758485] IPv6: ADDRCONF(NETDEV\_UP): usb0: link is not ready

[ 10.758497] l4tbr0: port 2(usb0) entered blocking state

[ 10.758501] l4tbr0: port 2(usb0) entered forwarding state

[ 10.813736] tegra-xusb 3610000.xhci: cannot find firmware....retry after 1 second

[ 10.853638] bmi160 1-0069: nvs\_vregs\_init vdd err=-19

[ 10.853647] bmi160 1-0069: nvs\_vregs\_init vdd\_IO err=-19

[ 10.902932] random: crng init done

[ 10.905789] random: 7 urandom warning(s) missed due to ratelimiting

[ 10.908204] tegra-i2c c240000.i2c: no acknowledge from address 0x69

[ 10.912854] bmi160 1-0069: bmi\_i2c\_rd ERR: 0x00

[ 10.914920] bmi160 1-0069: bmi\_init \_id\_i2c ERR

[ 10.917867] bmi160 1-0069: bmi\_remove

[ 10.917870] bmi160 1-0069: bmi\_probe done

[ 10.918027] bmi160 8-0069: nvs\_vregs\_init vdd err=-19

[ 10.918039] bmi160 8-0069: nvs\_vregs\_init vdd\_IO err=-19

[ 10.936894] android\_work: did not send uevent (0 0 (null))

[ 10.973323] tegra-i2c 31e0000.i2c: no acknowledge from address 0x69

[ 10.975970] bmi160 8-0069: bmi\_i2c\_rd ERR: 0x00

[ 10.979992] bmi160 8-0069: bmi\_init \_id\_i2c ERR

[ 10.982413] bmi160 8-0069: bmi\_remove

[ 10.982417] bmi160 8-0069: bmi\_probe done

[ 11.085111] android\_work: sent uevent USB\_STATE=CONNECTED

[ 11.092300] configfs-gadget gadget: super-speed config #1: c

[ 11.092338] tegra-xudc-new 3550000.xudc: ep 5 (type: 3, dir: in) enabled

[ 11.092376] tegra-xudc-new 3550000.xudc: ep 3 (type: 2, dir: in) enabled

[ 11.092388] tegra-xudc-new 3550000.xudc: ep 2 (type: 2, dir: out) enabled

[ 11.092472] tegra-xudc-new 3550000.xudc: ep 9 (type: 3, dir: in) enabled

[ 11.092482] tegra-xudc-new 3550000.xudc: ep 7 (type: 2, dir: in) enabled

[ 11.092491] tegra-xudc-new 3550000.xudc: ep 4 (type: 2, dir: out) enabled

[ 11.092515] tegra-xudc-new 3550000.xudc: ep 15 (type: 3, dir: in) enabled

[ 11.092563] tegra-xudc-new 3550000.xudc: ep 11 (type: 2, dir: in) enabled

[ 11.092567] IPv6: ADDRCONF(NETDEV\_CHANGE): rndis0: link becomes ready

[ 11.092585] tegra-xudc-new 3550000.xudc: ep 6 (type: 2, dir: out) enabled

[ 11.092665] l4tbr0: port 1(rndis0) entered blocking state

[ 11.092674] l4tbr0: port 1(rndis0) entered forwarding state

[ 11.092939] android\_work: sent uevent USB\_STATE=CONFIGURED

[ 11.099103] tegra-xudc-new 3550000.xudc: ep 13 (type: 2, dir: in) enabled

[ 11.099117] tegra-xudc-new 3550000.xudc: ep 8 (type: 2, dir: out) enabled

[ 11.099225] IPv6: ADDRCONF(NETDEV\_CHANGE): usb0: link becomes ready

[ 11.826279] tegra-xusb 3610000.xhci: Firmware timestamp: 2018-03-29 14:24:42 UTC, Version: 60.05 release

[ 11.826317] tegra-xusb 3610000.xhci: xHCI Host Controller

[ 11.826349] tegra-xusb 3610000.xhci: new USB bus registered, assigned bus number 1

[ 11.827584] tegra-xusb 3610000.xhci: hcc params 0x0184ff25 hci version 0x110 quirks 0x00050810

[ 11.827616] tegra-xusb 3610000.xhci: irq 471, io mem 0x03610000

[ 11.827774] usb usb1: New USB device found, idVendor=1d6b, idProduct=0002

[ 11.827777] usb usb1: New USB device strings: Mfr=3, Product=2, SerialNumber=1

[ 11.827779] usb usb1: Product: xHCI Host Controller

[ 11.827780] usb usb1: Manufacturer: Linux 4.9.140+ xhci-hcd

[ 11.827782] usb usb1: SerialNumber: 3610000.xhci

[ 11.828305] hub 1-0:1.0: USB hub found

[ 11.828328] hub 1-0:1.0: 4 ports detected

[ 11.829174] tegra-xusb 3610000.xhci: xHCI Host Controller

[ 11.829183] tegra-xusb 3610000.xhci: new USB bus registered, assigned bus number 2

[ 11.829188] tegra-xusb 3610000.xhci: Host supports USB 3.1 Enhanced SuperSpeed

[ 11.829322] usb usb2: New USB device found, idVendor=1d6b, idProduct=0003

[ 11.829324] usb usb2: New USB device strings: Mfr=3, Product=2, SerialNumber=1

[ 11.829326] usb usb2: Product: xHCI Host Controller

[ 11.829328] usb usb2: Manufacturer: Linux 4.9.140+ xhci-hcd

[ 11.829329] usb usb2: SerialNumber: 3610000.xhci

[ 11.830135] hub 2-0:1.0: USB hub found

[ 11.830206] hub 2-0:1.0: 4 ports detected

[ 11.831410] Wake76 for irq=199

[ 11.831411] Wake77 for irq=199

[ 11.831412] Wake78 for irq=199

[ 11.831414] Wake79 for irq=199

[ 11.831415] Wake80 for irq=199

[ 11.831415] Wake81 for irq=199

[ 11.831416] Wake82 for irq=199

[ 11.930477] usb usb1: usb\_suspend\_both: status 0

[ 11.934596] usb usb2: usb\_suspend\_both: status 0

[ 12.210246] usb 1-4: new high-speed USB device number 2 using tegra-xusb

[ 12.244938] usb 1-4: New USB device found, idVendor=0bda, idProduct=5411

[ 12.244943] usb 1-4: New USB device strings: Mfr=1, Product=2, SerialNumber=0

[ 12.244947] usb 1-4: Product: 4-Port USB 2.0 Hub

[ 12.245002] usb 1-4: Manufacturer: Generic

[ 12.247406] hub 1-4:1.0: USB hub found

[ 12.248437] hub 1-4:1.0: 4 ports detected

[ 12.356254] usb 2-4: new SuperSpeed USB device number 2 using tegra-xusb

[ 12.388651] usb 2-4: New USB device found, idVendor=0bda, idProduct=0411

[ 12.388657] usb 2-4: New USB device strings: Mfr=1, Product=2, SerialNumber=0

[ 12.388663] usb 2-4: Product: 4-Port USB 3.0 Hub

[ 12.388666] usb 2-4: Manufacturer: Generic

[ 12.399356] hub 2-4:1.0: USB hub found

[ 12.400700] hub 2-4:1.0: 4 ports detected

[ 12.542206] usb 1-4.4: new high-speed USB device number 3 using tegra-xusb

[ 12.566209] usb 2-4: usb\_suspend\_both: status 0

[ 12.566584] usb usb2: usb\_suspend\_both: status 0

[ 12.571301] usb 1-4.4: New USB device found, idVendor=05ac, idProduct=1006

[ 12.571331] usb 1-4.4: New USB device strings: Mfr=1, Product=2, SerialNumber=3

[ 12.571335] usb 1-4.4: Product: Keyboard Hub

[ 12.571338] usb 1-4.4: Manufacturer: Apple, Inc.

[ 12.571341] usb 1-4.4: SerialNumber: 000000000000

[ 12.573175] hub 1-4.4:1.0: USB hub found

[ 12.573319] hub 1-4.4:1.0: 3 ports detected

[ 12.862220] usb 1-4.4.2: new low-speed USB device number 4 using tegra-xusb

[ 12.889622] usb 1-4.4.2: New USB device found, idVendor=05ac, idProduct=0220

[ 12.889627] usb 1-4.4.2: New USB device strings: Mfr=1, Product=2, SerialNumber=0

[ 12.889631] usb 1-4.4.2: Product: Apple Keyboard

[ 12.889634] usb 1-4.4.2: Manufacturer: Apple, Inc

[ 12.896042] 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

[ 12.955473] apple 0003:05AC:0220.0001: input,hidraw0: USB HID v1.11 Keyboard [Apple, Inc Apple Keyboard] on usb-3610000.xhci-4.4.2/input0

[ 12.958509] 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

[ 13.019097] apple 0003:05AC:0220.0002: input,hidraw1: USB HID v1.11 Device [Apple, Inc Apple Keyboard] on usb-3610000.xhci-4.4.2/input1

[ 13.098242] usb 1-4.4.3: new low-speed USB device number 5 using tegra-xusb

[ 13.123066] usb 1-4.4.3: New USB device found, idVendor=04f2, idProduct=0939

[ 13.123071] usb 1-4.4.3: New USB device strings: Mfr=1, Product=2, SerialNumber=0

[ 13.123074] usb 1-4.4.3: Product: USB Optical Mouse

[ 13.123077] usb 1-4.4.3: Manufacturer: PixArt

[ 13.127355] 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

[ 13.127836] 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

[ 15.834858] ras\_fhi\_disable: FHI 480 disabled

[ 15.835612] CPU4: shutdown

[ 15.838145] psci: CPU4 killed.

[ 15.890766] ras\_fhi\_disable: FHI 481 disabled

[ 15.891396] CPU5: shutdown

[ 15.895512] psci: CPU5 killed.

[ 15.962843] ras\_fhi\_disable: FHI 482 disabled

[ 15.963446] CPU6: shutdown

[ 15.964977] IPv6: ADDRCONF(NETDEV\_UP): eth0: link is not ready

[ 15.965328] psci: CPU6 killed.

[ 16.035131] gpio tegra-gpio wake20 for gpio=52(G:4)

[ 16.039685] IPv6: ADDRCONF(NETDEV\_UP): eth0: link is not ready

[ 16.066751] ras\_fhi\_disable: FHI 483 disabled

[ 16.067323] CPU7: shutdown

[ 16.069185] psci: CPU7 killed.

[ 16.072321] nvgpu: 17000000.gv11b tpc\_pg\_mask\_store:901 [INFO] no value change, same mask already set

[ 17.634605] eqos 2490000.ether\_qos eth0: Link is Up - 100Mbps/Full - flow control rx/tx

[ 17.635274] IPv6: ADDRCONF(NETDEV\_CHANGE): eth0: link becomes ready

[ 17.768899] tegradc 15200000.nvdisplay: blank - powerdown

[ 17.829321] extcon-disp-state external-connection:disp-state: cable 48 state 0

[ 17.829326] Extcon AUX2(HDMI) disable

[ 17.856112] tegra\_nvdisp\_handle\_pd\_disable: Powergated Head1 pd

[ 17.858140] tegra\_nvdisp\_handle\_pd\_disable: Powergated Head0 pd

[ 17.858793] tegradc 15200000.nvdisplay: unblank

[ 17.859864] tegra\_nvdisp\_handle\_pd\_enable: Unpowergated Head0 pd

[ 17.860030] tegra\_nvdisp\_handle\_pd\_enable: Unpowergated Head1 pd

[ 17.867456] Parent Clock set for DC plld3

[ 17.872535] tegradc 15200000.nvdisplay: hdmi: tmds rate:148500K prod-setting:prod\_c\_hdmi\_111m\_223m

[ 17.874018] tegradc 15200000.nvdisplay: hdmi: get RGB quant from EDID.

[ 17.874028] tegradc 15200000.nvdisplay: hdmi: get YCC quant from EDID.

[ 17.886111] extcon-disp-state external-connection:disp-state: cable 48 state 1

[ 17.886125] Extcon AUX2(HDMI) enable

[ 17.886325] tegradc 15200000.nvdisplay: unblank

[ 17.886339] tegradc 15210000.nvdisplay: blank - powerdown

[ 17.886348] tegradc 15220000.nvdisplay: blank - powerdown

[ 19.019231] fuse init (API version 7.26)

[ 58.901289] tegradc 15200000.nvdisplay: blank - powerdown

[ 58.957779] extcon-disp-state external-connection:disp-state: cable 48 state 0

[ 58.957782] Extcon AUX2(HDMI) disable

[ 58.981372] tegra\_nvdisp\_handle\_pd\_disable: Powergated Head1 pd

[ 58.982106] tegra\_nvdisp\_handle\_pd\_disable: Powergated Head0 pd

[ 58.982487] tegradc 15210000.nvdisplay: blank - powerdown

[ 58.982507] tegradc 15220000.nvdisplay: blank - powerdown

[ 59.256352] tegradc 15200000.nvdisplay: blank - powerdown

[ 59.256395] tegradc 15200000.nvdisplay: unblank

[ 59.258123] tegra\_nvdisp\_handle\_pd\_enable: Unpowergated Head0 pd

[ 59.258276] tegra\_nvdisp\_handle\_pd\_enable: Unpowergated Head1 pd

[ 59.265485] Parent Clock set for DC plld3

[ 59.270319] tegradc 15200000.nvdisplay: hdmi: tmds rate:148500K prod-setting:prod\_c\_hdmi\_111m\_223m

[ 59.271806] tegradc 15200000.nvdisplay: hdmi: get RGB quant from EDID.

[ 59.271845] tegradc 15200000.nvdisplay: hdmi: get YCC quant from EDID.

[ 59.278620] extcon-disp-state external-connection:disp-state: cable 48 state 1

[ 59.278623] Extcon AUX2(HDMI) enable

[ 59.278814] tegradc 15200000.nvdisplay: unblank

[ 59.278826] tegradc 15210000.nvdisplay: blank - powerdown

[ 59.278833] tegradc 15220000.nvdisplay: blank - powerdown

[ 64.681482] Bluetooth: BNEP (Ethernet Emulation) ver 1.3

[ 64.681523] Bluetooth: BNEP socket layer initialized

[ 66.012507] tegradc 15200000.nvdisplay: unblank

[ 66.012528] tegradc 15210000.nvdisplay: blank - powerdown

[ 66.012538] tegradc 15220000.nvdisplay: blank - powerdown

[ 75.936917] usb usb2: usb\_suspend\_both: status -16

[ 76.158382] usb 2-4.3: new SuperSpeed USB device number 3 using tegra-xusb

[ 76.184396] usb 2-4.3: New USB device found, idVendor=090c, idProduct=1000

[ 76.184412] usb 2-4.3: New USB device strings: Mfr=1, Product=2, SerialNumber=0

[ 76.184426] usb 2-4.3: Product: USB DISK

[ 76.184431] usb 2-4.3: Manufacturer: SMI Corporation

[ 76.196020] usb-storage 2-4.3:1.0: USB Mass Storage device detected

[ 76.197859] scsi host2: usb-storage 2-4.3:1.0

[ 77.526713] scsi 2:0:0:0: Direct-Access SMI USB DISK 1100 PQ: 0 ANSI: 6

[ 77.533241] sd 2:0:0:0: [sda] 61440000 512-byte logical blocks: (31.5 GB/29.3 GiB)

[ 77.534317] sd 2:0:0:0: [sda] Write Protect is off

[ 77.534448] sd 2:0:0:0: [sda] Mode Sense: 43 00 00 00

[ 77.535288] sd 2:0:0:0: [sda] Write cache: enabled, read cache: enabled, doesn't support DPO or FUA

[ 77.558266] sda: sda1

[ 77.562604] sd 2:0:0:0: [sda] Attached SCSI removable disk

[ 78.177738] FAT-fs (sda1): Volume was not properly unmounted. Some data may be corrupt. Please run fsck.

[ 329.368520] pci-epf-nv-test.c: pci\_epf\_nv\_test\_probe is called

[ 363.246451] pci\_epf\_nv\_test pci\_epf\_nv\_test.0: BAR0 RAM phys: 0x439682000

[ 363.246467] pci\_epf\_nv\_test pci\_epf\_nv\_test.0: BAR0 RAM IOVA: 0xff800000

[ 363.246529] pci\_epf\_nv\_test pci\_epf\_nv\_test.0: BAR0 RAM virt: 0xffffff800d33c000

root@ebots-desktop:/sys/kernel/config/pci\_ep#