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[ 0.000000] Initializing cgroup subsys cpu
[ 0.000000] Linux version 3.8.11 (chrome-bot@build48-m2) (gcc version 4.8.x-google 20130905 (prerelease) (4.8.1_cos_gg_fee904_4.8.1-r67) ) #1 SMP Thu
Apr 24 19:22:19 PDT 2014
[ 0.000000] Command line: cros_secure console= loglevel=7 init=/sbin/init cros_secure oops=panic panic=-1 root=/dev/dm-0 rootwait ro
dm_verity.error_behavior=3 dm_verity.max_bios=-1 dm_verity.dev_wait=1 dm="1 vroot none ro 1,0 2097152 verity payload=PARTUUID=1a39b5a7-e820-734b-a101-
80ba64ab040e/PARTNROFF=1 hashtree=PARTUUID=1a39b5a7-e820-734b-a101-80ba64ab040e/PARTNROFF=1 hashstart=2097152 alg=sha1
root_hexdigest=0f19e74c7ff7a55c90f5c056251ca64bbeadced7 salt=e1ef7e39125bc99d5803bfff637dfca6705127e1bbff93d66583062d6455925e9" noinitrd
vt.global_cursor_default=0 kern_guid=1a39b5a7-e820-734b-a101-80ba64ab040e add_efi_memmap boot=local noresume noswap i915.modeset=1 tpm_tis.force=1
tpm_tis.interrupts=0 nmi_watchdog=panic,lapic
[ 0.000000] e820: BIOS-provided physical RAM map:
[ 0.000000] BIOS-e820: [mem 0x0000000000000000-0x000000000000ffff] type 16
[ 0.000000] BIOS-e820: [mem 0x0000000000001000-0x000000000002ffff] usable
[ 0.000000] BIOS-e820: [mem 0x0000000000030000-0x000000000003ffff] reserved
[ 0.000000] BIOS-e820: [mem 0x0000000000040000-0x000000000009ffff] usable
[ 0.000000] BIOS-e820: [mem 0x00000000000a0000-0x00000000000fffff] reserved
[ 0.000000] BIOS-e820: [mem 0x0000000000100000-0x00000000000effff] usable
[ 0.000000] BIOS-e820: [mem 0x0000000000f00000-0x00000000000fffff] reserved
[ 0.000000] BIOS-e820: [mem 0x0000000001000000-0x00000000007f781fff] usable
[ 0.000000] BIOS-e820: [mem 0x00000000007f782000-0x00000000007f7fffff] type 16
[ 0.000000] BIOS-e820: [mem 0x00000000007f800000-0x0000000000821fffff] reserved
[ 0.000000] BIOS-e820: [mem 0x0000000000800000-0x0000000000f3fffff] reserved
[ 0.000000] BIOS-e820: [mem 0x0000000000fed10000-0x0000000000fed19fff] reserved
[ 0.000000] BIOS-e820: [mem 0x0000000000fed84000-0x0000000000fed84fff] reserved
[ 0.000000] BIOS-e820: [mem 0x0000000010000000-0x0000000017cdfffff] usable
[ 0.000000] NX (Execute Disable) protection: active
[ 0.000000] SMBIOS 2.7 present.
[ 0.000000] DMI: GOOGLE Panther, BIOS Google_Panther.4920.24.22 03/05/2014
[ 0.000000] e820: update [mem 0x00000000-0x0000ffff] usable ==> reserved
[ 0.000000] e820: remove [mem 0x000a0000-0x000fffff] usable
[ 0.000000] No AGP bridge found
[ 0.000000] e820: last_pfn = 0x17ce00 max_arch_pfn = 0x40000000
[ 0.000000] MTRR default type: uncachable
[ 0.000000] MTRR fixed ranges enabled:
[ 0.000000] 00000-9FFFF write-back
[ 0.000000] A0000-BFFFF uncachable
[ 0.000000] C0000-FFFFF write-back
[ 0.000000] MTRR variable ranges enabled:
[ 0.000000] 0 base 000000000 mask 7F8000000 write-back
[ 0.000000] 1 base 00D000000 mask 7FF000000 write-combining
[ 0.000000] 2 base 00FF80000 mask 7FFF80000 uncachable
[ 0.000000] 3 base 010000000 mask 7F0000000 write-back
[ 0.000000] 4 disabled
[ 0.000000] 5 disabled
[ 0.000000] 6 disabled
[ 0.000000] 7 disabled
[ 0.000000] 8 disabled
[ 0.000000] 9 disabled
[ 0.000000] x86 PAT enabled: cpu 0, old 0x7040600070406, new 0x7010600070106
[ 0.000000] e820: last_pfn = 0x7f782 max_arch_pfn = 0x400000000
[ 0.000000] initial memory mapped: [mem 0x00000000-0x3fffffff]
[ 0.000000] Base memory trampoline at [ffff88000099000] 99000 size 24576
[ 0.000000] Using GB pages for direct mapping
[ 0.000000] init_memory_mapping: [mem 0x00000000-0x7f781fff]
[ 0.000000] [mem 0x00000000-0x3fffffff] page 1G
[ 0.000000] [mem 0x40000000-0x7f5fffff] page 2M
[ 0.000000] [mem 0x7f600000-0x7f781fff] page 4k
[ 0.000000] kernel direct mapping tables up to 0x7f781fff @ [mem 0x3fffd000-0x3fffffff]
[ 0.000000] init_memory_mapping: [mem 0x100000000-0x17cdfffff]
[ 0.000000] [mem 0x100000000-0x13fffffff] page 1G
[ 0.000000] [mem 0x140000000-0x17cdfffff] page 2M
[ 0.000000] kernel direct mapping tables up to 0x17cdfffff @ [mem 0x7f780000-0x7f781fff]
[ 0.000000] ACPI: RSDP 0000000000f0000 00024 (v02 CORE )
[ 0.000000] ACPI: XSDT 000000007f780c00 00054 (v01 CORE COREBOOT 00000000 CORE 00000000)
[ 0.000000] ACPI: FACP 000000007f7902a0 000F4 (v03 CORE COREBOOT 00000000 CORE 00000001)
[ 0.000000] ACPI Error: Gpe0Block - 32-bit FADT register is too long (32 bytes, 256 bits) to convert to GAS struct - 255 bits max, truncating
(20121018/tbfadt-201)
[ 0.000000] ACPI BIOS Bug: Warning: 32/64x length mismatch in FADT/Gpe0Block: 256/255 (20121018/tbfadt-567)
[ 0.000000] ACPI: DSDT 000000007f78c250 04042 (v02 COREv4 COREBOOT 20110725 INTL 20090123)
[ 0.000000] ACPI: FACS 000000007f78c210 00040
[ 0.000000] ACPI: HPET 000000007f7903a0 00038 (v01 CORE COREBOOT 00000000 CORE 00000000)
[ 0.000000] ACPI: APIC 000000007f7903e0 0006C (v01 CORE COREBOOT 00000000 CORE 00000000)
[ 0.000000] ACPI: MCFG 000000007f790450 0003C (v01 CORE COREBOOT 00000000 CORE 00000000)
[ 0.000000] ACPI: SSDT 000000007f791350 0122C (v02 CORE COREBOOT 0000002A CORE 0000002A)
[ 0.000000] ACPI: SSDT 000000007f792580 0005C (v02 CORE COREBOOT 0000002A CORE 0000002A)
[ 0.000000] ACPI: Local APIC address 0xfe000000
[ 0.000000] [ffffea0000000000-ffffea0005fffff] PMD -> [ffff880178400000-ffff88017c3fffff] on node 0
[ 0.000000] Zone ranges:
[ 0.000000] DMA [mem 0x00010000-0x00ffffff]
[ 0.000000] DMA32 [mem 0x01000000-0xfffffff]
[ 0.000000] Normal [mem 0x100000000-0x17cdfffff]
[ 0.000000] Movable zone start for each node
[ 0.000000] Early memory node ranges
[ 0.000000] node 0: [mem 0x00010000-0x0002fffff]
[ 0.000000] node 0: [mem 0x00040000-0x0009fffff]
[ 0.000000] node 0: [mem 0x00100000-0x00effffff]
[ 0.000000] node 0: [mem 0x01000000-0x7f781fff]
[ 0.000000] node 0: [mem 0x100000000-0x17cdfffff]
[ 0.000000] On node 0 totalpages: 1033218
[ 0.000000] DMA zone: 58 pages used for memmap
[ 0.000000] DMA zone: 7 pages reserved
[ 0.000000] DMA zone: 3647 pages, LIFO batch:0
[ 0.000000] DMA32 zone: 8095 pages used for memmap
[ 0.000000] DMA32 zone: 509923 pages, LIFO batch:31
[ 0.000000] Normal zone: 7992 pages used for memmap
[ 0.000000] Normal zone: 503496 pages, LIFO batch:31
[ 0.000000] ACPI: PM-Timer IO Port: 0x1008
[ 0.000000] ACPI: Local APIC address 0xfe000000
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[ 0.000000] ACPI: LAPIC (acpi_id[0x00] lapic_id[0x00] enabled)
[ 0.000000] ACPI: LAPIC (acpi_id[0x01] lapic_id[0x01] enabled)
[ 0.000000] ACPI: LAPIC (acpi_id[0x02] lapic_id[0x02] enabled)
[ 0.000000] ACPI: LAPIC (acpi_id[0x03] lapic_id[0x03] enabled)
[ 0.000000] ACPI: IOAPIC (id[0x02] address[0xfec00000] gsi_base[0])
[ 0.000000] IOAPIC[0]: apic_id 2, version 32, address 0xfec00000, GSI 0-39
[ 0.000000] ACPI: INT_SRC_OVR (bus 0 bus_irq 0 global_irq 2 dfl dfl)
[ 0.000000] ACPI: INT_SRC_OVR (bus 0 bus_irq 9 global_irq 9 high level)
[ 0.000000] ACPI: IRQ0 used by override.
[ 0.000000] ACPI: IRQ2 used by override.
[ 0.000000] ACPI: IRQ9 used by override.
[ 0.000000] Using ACPI (MADT) for SMP configuration information
[ 0.000000] ACPI: HPET id: 0x8086a201 base: 0xfed00000
[ 0.000000] smpboot: Allowing 4 CPUs, 0 hotplug CPUs
[ 0.000000] nr_irqs_gsi: 56
[ 0.000000] e820: [mem 0x82200000-0xfffffff] available for PCI devices
[ 0.000000] setup_percpu: NR_CPUS:4 nr_cpumask_bits:4 nr_cpu_ids:4 nr_node_ids:1
[ 0.000000] PERCPU: Embedded 27 pages/cpu @ffff8017ca00000 s78912 r8192 d23488 u524288
[ 0.000000] pcpu-alloc: s78912 r8192 d23488 u524288 alloc=1*2097152
[ 0.000000] pcpu-alloc: [0] 0 1 2 3
[ 0.000000] Built 1 zonelists in Zone order, mobility grouping on. Total pages: 1017066
[ 0.000000] Kernel command line: cros_secure console= loglevel=7 init=/sbin/init cros_secure oops=panic panic=-1 root=/dev/dm-0 rootwait ro
dm_verity.error_behavior=3 dm_verity.max_bios=-1 dm_verity.dev_wait=1 dm="1 vroot none ro 1,0 2097152 verity payload=PARTUUID=1a39b5a7-e820-734b-a101-
80ba64ab040e/PARTNROFF=1 hashtree=PARTUUID=1a39b5a7-e820-734b-a101-80ba64ab040e/PARTNROFF=1 hashstart=2097152 alg=sha1
root_hexdigest=0f19e74c7ff7a55c90f5c056251ca64bbeadced7 salt=e1ef7e39125bc99d5803bfff637dfca6705127e1bbff93d66583062d6455925e9" noinitrd
vt.global_cursor_default=0 kern_guid=1a39b5a7-e820-734b-a101-80ba64ab040e add_efi_memmap boot=local noresume noswap i915.modeset=1 tpm_tis.force=1
tpm_tis.interrupts=0 nmi_watchdog=panic,lapic
[ 0.000000] device-mapper: init: will configure 1 devices
[ 0.000000] PID hash table entries: 4096 (order: 3, 32768 bytes)
[ 0.000000] Dentry cache hash table entries: 524288 (order: 10, 4194304 bytes)
[ 0.000000] Inode-cache hash table entries: 262144 (order: 9, 2097152 bytes)
[ 0.000000] __ex_table already sorted, skipping sort
[ 0.000000] xsave: enabled xstate_bv 0x7, cntxt size 0x340
[ 0.000000] Disabling VMX on cpu 0
[ 0.000000] Checking aperture...
[ 0.000000] No AGP bridge found
[ 0.000000] Memory: 3984000k/6240256k available (4768k kernel code, 2107384k absent, 148872k reserved, 4087k data, 700k init)
[ 0.000000] SLUB: Genslabs=15, HWalgn=64, Order=0-3, MinObjects=0, CPUs=4, Nodes=1
[ 0.000000] Hierarchical RCU implementation.
[ 0.000000] CONFIG_RCU_FANOUT set to non-default value of 32
[ 0.000000] NR_IRQS:4352 nr_irqs:984 16
[ 0.000000] Console: colour dummy device 80x25
[ 0.000000] hpert clockevent registered
[ 0.000000] Initial TSC value: 2343965708
[ 0.000000] tsc: Fast TSC calibration using PIT
[ 0.001000] Initial usec timer 1382055
[ 0.001000] tsc: Detected 1696.115 MHz processor
[ 0.000002] Calibrating delay loop (skipped), value calculated using timer frequency.. 3392.23 BogoMIPS (lpj=1696115)
[ 0.000006] pid_max: default: 32768 minimum: 301
[ 0.000033] Security Framework initialized
[ 0.000036] Yama: becoming mindful.
[ 0.000049] Mount-cache hash table entries: 256
[ 0.000226] Initializing cgroup subsys freezer
[ 0.000248] CPU: Physical Processor ID: 0
[ 0.000249] CPU: Processor Core ID: 0
[ 0.001438] mce: CPU supports 7 MCE banks
[ 0.001453] CPU0: Thermal monitoring enabled (TM1)
[ 0.001463] process: using mwait in idle threads
[ 0.001467] Last level iTLB entries: 4KB 0, 2MB 0, 4MB 0
Last level dTLB entries: 4KB 64, 2MB 0, 4MB 0
tlb_flushall_shift: 6
[ 0.001610] Freeing SMP alternatives: 12k freed
[ 0.001614] ACPI: Core revision 20121018
[ 0.004077] acpi_enable!
[ 0.004093] ACPI mode enable smi_command = 0xb2 val = 0xe1
[ 0.004096] ftrace: allocating 21415 entries in 84 pages
[ 0.015119] ..TIMER: vector=0x30 apic1=0 pin1=2 apic2=-1 pin2=-1
[ 0.025111] smpboot: CPU0: Intel(R) Core(TM) i3-4010U CPU @ 1.70GHz (fam: 06, model: 45, stepping: 01)
[ 0.025119] TSC deadline timer enabled
[ 0.025122] Performance Events: no PEBS fmt2+, generic architected perfmon, Intel PMU driver.
[ 0.025128] ... version: 3
[ 0.025130] ... bit width: 48
[ 0.025131] ... generic registers: 4
[ 0.025132] ... value mask: 0000ffffffffffff
[ 0.025134] ... max period: 000000007fffffffff
[ 0.025135] ... fixed-purpose events: 3
[ 0.025137] ... event mask: 000000070000000f
[ 0.036661] Disabling VMX on cpu 1
[ 0.040721] NMI watchdog: enabled on all CPUs, permanently consumes one hw-PMU counter.
[ 0.051255] Disabling VMX on cpu 2
[ 0.026199] smpboot: Booting Node 0, Processors #1 #2 #3 OK
[ 0.065741] Disabling VMX on cpu 3
[ 0.069700] Brought up 4 CPUs
[ 0.069704] smpboot: Total of 4 processors activated (13568.92 BogoMIPS)
[ 0.073778] devtmpfs: initialized
[ 0.075363] RTC time: 13:47:39, date: 05/22/14
[ 0.075407] NET: Registered protocol family 16
[ 0.076078] Switching to clocksource hpert
[ 0.076091] ACPI: bus type pci registered
[ 0.076128] PCI: MMCONFIG for domain 0000 [bus 00-3f] at [mem 0xf0000000-0xf3ffffff] (base 0xf0000000)
[ 0.076131] PCI: MMCONFIG at [mem 0xf0000000-0xf3ffffff] reserved in E820
[ 0.079657] PCI: Using configuration type 1 for base access
[ 0.081120] bio: create slab <bio-0> at 0
[ 0.081192] ACPI: Added _OSI(Module Device)
[ 0.081194] ACPI: Added _OSI(Processor Device)
[ 0.081196] ACPI: Added _OSI(3.0 _SCP Extensions)
[ 0.081198] ACPI: Added _OSI(Processor Aggregator Device)
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[ 0.082184] ACPI: EC: Look up EC in DSDT
[ 0.084727] ACPI: Interpreter enabled
[ 0.084732] ACPI: (supports S0 S3 S5)
[ 0.084746] ACPI: Using IOAPIC for interrupt routing
[ 0.092281] ACPI: IRQ 14 override to level, high
[ 0.092323] gpiochip_find_base: found new base at 162
[ 0.092339] gpiochip_add: registered GPIOs 162 to 255 on device: INT33C7:00
[ 0.092453] ACPI: Power Resource [FNP0] (off)
[ 0.092485] ACPI: Power Resource [FNP1] (off)
[ 0.092516] ACPI: Power Resource [FNP2] (off)
[ 0.092548] ACPI: Power Resource [FNP3] (off)
[ 0.092579] ACPI: Power Resource [FNP4] (on)
[ 0.093091] ACPI: No dock devices found.
[ 0.093095] PCI: Using host bridge windows from ACPI; if necessary, use "pci=nocrs" and report a bug
[ 0.093167] ACPI: PCI Root Bridge [PCI0] (domain 0000 [bus 00-ff])
[ 0.093170] ACPI: PCI Interrupt Routing Table [_SB_.PCI0._PRT]
[ 0.093378] pci_root PNP0A08:00: [Firmware Info]: MMCONFIG for domain 0000 [bus 00-3f] only partially covers this bridge
[ 0.093403] PCI host bridge to bus 0000:00
[ 0.093406] pci_bus 0000:00: root bus resource [bus 00-ff]
[ 0.093409] pci_bus 0000:00: root bus resource [io 0x0000-0x0cf7]
[ 0.093411] pci_bus 0000:00: root bus resource [io 0x0d00-0xffff]
[ 0.093414] pci_bus 0000:00: root bus resource [mem 0x000a0000-0x000bffff]
[ 0.093416] pci_bus 0000:00: root bus resource [mem 0x000c0000-0x000c3fff]
[ 0.093418] pci_bus 0000:00: root bus resource [mem 0x000c4000-0x000c7fff]
[ 0.093420] pci_bus 0000:00: root bus resource [mem 0x000c8000-0x000cbfff]
[ 0.093422] pci_bus 0000:00: root bus resource [mem 0x000cc000-0x000cffff]
[ 0.093425] pci_bus 0000:00: root bus resource [mem 0x000d0000-0x000d3fff]
[ 0.093427] pci_bus 0000:00: root bus resource [mem 0x000d4000-0x000d7fff]
[ 0.093429] pci_bus 0000:00: root bus resource [mem 0x000d8000-0x000dbfff]
[ 0.093431] pci_bus 0000:00: root bus resource [mem 0x000dc000-0x000dffff]
[ 0.093433] pci_bus 0000:00: root bus resource [mem 0x000e0000-0x000e3fff]
[ 0.093435] pci_bus 0000:00: root bus resource [mem 0x000e4000-0x000e7fff]
[ 0.093438] pci_bus 0000:00: root bus resource [mem 0x000e8000-0x000ebfff]
[ 0.093440] pci_bus 0000:00: root bus resource [mem 0x000ec000-0x000effff]
[ 0.093442] pci_bus 0000:00: root bus resource [mem 0x000f0000-0x000fffff]
[ 0.093444] pci_bus 0000:00: root bus resource [mem 0x82200001-0xfebfffff]
[ 0.093447] pci_bus 0000:00: root bus resource [mem 0xfed40000-0xfed44fff]
[ 0.093457] pci 0000:00:00.0: [8086:0a04] type 00 class 0x060000
[ 0.093503] pci 0000:00:02.0: [8086:0a16] type 00 class 0x030000
[ 0.093517] pci 0000:00:02.0: reg 10: [mem 0xe0000000-0xe03fffff 64bit]
[ 0.093526] pci 0000:00:02.0: reg 18: [mem 0xd0000000-0xdffffff 64bit pref]
[ 0.093533] pci 0000:00:02.0: reg 20: [io 0x3000-0x303f]
[ 0.093572] pci 0000:00:03.0: [8086:0a0c] type 00 class 0x040300
[ 0.093582] pci 0000:00:03.0: reg 10: [mem 0xe0710000-0xe0713fff 64bit]
[ 0.093649] pci 0000:00:14.0: [8086:9c31] type 00 class 0x0c0330
[ 0.093669] pci 0000:00:14.0: reg 10: [mem 0xe0700000-0xe070ffff 64bit]
[ 0.093732] pci 0000:00:14.0: PME# supported from D3hot D3cold
[ 0.093758] pci 0000:00:1b.0: [8086:9c20] type 00 class 0x040300
[ 0.093773] pci 0000:00:1b.0: reg 10: [mem 0xe0714000-0xe0717fff 64bit]
[ 0.093840] pci 0000:00:1b.0: PME# supported from D0 D3hot D3cold
[ 0.093859] pci 0000:00:1c.0: [8086:9c14] type 01 class 0x060400
[ 0.093927] pci 0000:00:1c.0: PME# supported from D0 D3hot D3cold
[ 0.093948] pci 0000:00:1c.1: [8086:9c16] type 01 class 0x060400
[ 0.094015] pci 0000:00:1c.1: PME# supported from D0 D3hot D3cold
[ 0.094037] pci 0000:00:1c.2: [8086:9c18] type 01 class 0x060400
[ 0.094118] pci 0000:00:1c.2: PME# supported from D0 D3hot D3cold
[ 0.094150] pci 0000:00:1f.0: [8086:9c43] type 00 class 0x060100
[ 0.094284] pci 0000:00:1f.2: [8086:9c03] type 00 class 0x010601
[ 0.094300] pci 0000:00:1f.2: reg 10: [io 0x3060-0x3067]
[ 0.094308] pci 0000:00:1f.2: reg 14: [io 0x3070-0x3073]
[ 0.094317] pci 0000:00:1f.2: reg 18: [io 0x3068-0x306f]
[ 0.094325] pci 0000:00:1f.2: reg 1c: [io 0x3074-0x3077]
[ 0.094333] pci 0000:00:1f.2: reg 20: [io 0x3040-0x305f]
[ 0.094341] pci 0000:00:1f.2: reg 24: [mem 0xe0719000-0xe07197ff]
[ 0.094379] pci 0000:00:1f.2: PME# supported from D3hot
[ 0.094395] pci 0000:00:1f.3: [8086:9c22] type 00 class 0x0c0500
[ 0.094410] pci 0000:00:1f.3: reg 10: [mem 0xe0719c00-0xe0719cff 64bit]
[ 0.094431] pci 0000:00:1f.3: reg 20: [io 0x0400-0x041f]
[ 0.094472] pci 0000:00:1f.6: [8086:9c24] type 00 class 0x118000
[ 0.094504] pci 0000:00:1f.6: reg 10: [mem 0xe0718000-0xe0718fff 64bit]
[ 0.094674] pci 0000:01:00.0: [10ec:8168] type 00 class 0x020000
[ 0.094692] pci 0000:01:00.0: reg 10: [io 0x2000-0x20ff]
[ 0.094723] pci 0000:01:00.0: reg 18: [mem 0xe0500000-0xe050ffff 64bit]
[ 0.094742] pci 0000:01:00.0: reg 20: [mem 0xe0400000-0xe0403fff 64bit pref]
[ 0.094821] pci 0000:01:00.0: supports D1 D2
[ 0.094823] pci 0000:01:00.0: PME# supported from D0 D1 D2 D3hot D3cold
[ 0.096096] pci 0000:00:1c.0: PCI bridge to [bus 01]
[ 0.096100] pci 0000:00:1c.0: bridge window [io 0x2000-0x2fff]
[ 0.096104] pci 0000:00:1c.0: bridge window [mem 0xe0500000-0xe05fffff]
[ 0.096110] pci 0000:00:1c.0: bridge window [mem 0xe0400000-0xe04fffff 64bit pref]
[ 0.096174] pci 0000:02:00.0: [168c:0034] type 00 class 0x028000
[ 0.096207] pci 0000:02:00.0: reg 10: [mem 0xe0600000-0xe067ffff 64bit]
[ 0.096287] pci 0000:02:00.0: reg 30: [mem 0xe0680000-0xe068ffff pref]
[ 0.096369] pci 0000:02:00.0: supports D1
[ 0.096371] pci 0000:02:00.0: PME# supported from D0 D1 D3hot
[ 0.098095] pci 0000:00:1c.1: PCI bridge to [bus 02]
[ 0.098101] pci 0000:00:1c.1: bridge window [mem 0xe0600000-0xe06fffff]
[ 0.098146] pci 0000:00:1c.2: PCI bridge to [bus 03]
[ 0.098169] pci_bus 0000:00: on NUMA node 0
[ 0.098187] ACPI: PCI Interrupt Routing Table [_SB_.PCI0.RP01._PRT]
[ 0.098423] ACPI: PCI Interrupt Routing Table [_SB_.PCI0.RP02._PRT]
[ 0.098636] ACPI: PCI Interrupt Routing Table [_SB_.PCI0.RP03._PRT]
[ 0.098859] pci0000:00: Requesting ACPI _OSC control (0x1d)
[ 0.098882] pci0000:00: ACPI _OSC control (0x1d) granted
[ 0.099475] ACPI: PCI Interrupt Link [LNKA] (IRQs 1 3 4 5 6 7 10 12 14 15) *11, disabled.
[ 0.099518] ACPI: PCI Interrupt Link [LNKB] (IRQs 1 3 4 5 6 7 11 12 14 15) *10, disabled.
[ 0.099556] ACPI: PCI Interrupt Link [LNKC] (IRQs 1 3 4 5 6 7 10 12 14 15) *11, disabled.
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[ 0.099593] ACPI: PCI Interrupt Link [LNKD] (IRQs 1 3 4 5 6 7 *11 12 14 15), disabled.
[ 0.099630] ACPI: PCI Interrupt Link [LNKE] (IRQs 1 3 4 5 6 7 10 12 14 15) *0, disabled.
[ 0.099667] ACPI: PCI Interrupt Link [LNKF] (IRQs 1 3 4 5 6 7 11 12 14 15) *0, disabled.
[ 0.099704] ACPI: PCI Interrupt Link [LNKG] (IRQs 1 3 4 5 6 7 10 12 14 15) *0, disabled.
[ 0.099741] ACPI: PCI Interrupt Link [LNKH] (IRQs 1 3 4 5 6 7 11 12 14 15) *0, disabled.
[ 0.099840] SCSI subsystem initialized
[ 0.099843] ACPI: bus type scsi registered
[ 0.099885] libata version 3.00 loaded.
[ 0.099906] ACPI: bus type usb registered
[ 0.099925] usbcore: registered new interface driver usbfs
[ 0.099934] usbcore: registered new interface driver hub
[ 0.099961] usbcore: registered new device driver usb
[ 0.100053] chromeos_acpi: registering CHSW 0
[ 0.100193] chromeos_acpi: registering VBNV 0
[ 0.100196] chromeos_acpi: registering VBNV 1
[ 0.100434] chromeos_acpi: truncating buffer from 3072 to 1336
[ 0.100626] chromeos_acpi: installed
[ 0.100628] chromeos_acpi: chromeos_acpi: enabling S3 USB wake
[ 0.102114] console [pstore-1] enabled
[ 0.102121] ramoops: attached 0x1000000@0xf00000, ecc: 0
[ 0.102139] Advanced Linux Sound Architecture Driver Initialized.
[ 0.102147] PCI: Using ACPI for IRQ routing
[ 0.103605] PCI: pci_cache_line_size set to 64 bytes
[ 0.103657] e820: reserve RAM buffer [mem 0x7f782000-0xffffffff]
[ 0.103659] e820: reserve RAM buffer [mem 0x17ce00000-0x17ffffffff]
[ 0.104063] hpet0: at MMIO 0xfed00000, IRQs 2, 8, 0, 0, 0, 0, 0, 0
[ 0.104095] hpet0: 8 comparators, 64-bit 14.318180 MHz counter
[ 0.111801] pnp: PnP ACPI init
[ 0.111820] ACPI: bus type pnp registered
[ 0.111900] system 00:00: [mem 0xfed1c000-0xfed1ffff] has been reserved
[ 0.111910] system 00:00: [mem 0xfed10000-0xfed13fff] has been reserved
[ 0.111919] system 00:00: [mem 0xfed18000-0xfed18fff] has been reserved
[ 0.111929] system 00:00: [mem 0xfed19000-0xfed19fff] has been reserved
[ 0.111938] system 00:00: [mem 0xf0000000-0xf3ffffff] has been reserved
[ 0.111947] system 00:00: [mem 0xfed20000-0xfed3ffff] has been reserved
[ 0.111956] system 00:00: [mem 0xfed40000-0xfed44fff] has been reserved
[ 0.111966] system 00:00: [mem 0xfed45000-0xfed8ffff] could not be reserved
[ 0.111975] system 00:00: [mem 0x00f00000-0x00ffffff] has been reserved
[ 0.111986] system 00:00: Plug and Play ACPI device, IDs PNP0c02 (active)
[ 0.112148] pnp 00:01: [dma 4]
[ 0.112173] pnp 00:01: Plug and Play ACPI device, IDs PNP0200 (active)
[ 0.112198] pnp 00:02: Plug and Play ACPI device, IDs INT0800 (active)
[ 0.112288] system 00:03: [mem 0xfed00000-0xfed003ff] has been reserved
[ 0.112298] system 00:03: Plug and Play ACPI device, IDs PNP0103 PNP0c01 (active)
[ 0.112334] pnp 00:04: Plug and Play ACPI device, IDs PNP0c04 (active)
[ 0.112395] system 00:05: [io 0x1000-0x10fe] has been reserved
[ 0.112404] system 00:05: Plug and Play ACPI device, IDs PNP0c02 (active)
[ 0.112429] pnp 00:06: Plug and Play ACPI device, IDs PNP0b00 (active)
[ 0.112528] system 00:07: [io 0x0700-0x0707] has been reserved
[ 0.112537] system 00:07: [io 0x0710-0x0713] has been reserved
[ 0.112546] system 00:07: Plug and Play ACPI device, IDs PNP0c02 (active)
[ 0.112584] system 00:08: [io 0x0720] has been reserved
[ 0.112592] system 00:08: [io 0x0730-0x0737] has been reserved
[ 0.112601] system 00:08: Plug and Play ACPI device, IDs PNP0c02 (active)
[ 0.112682] pnp 00:09: Plug and Play ACPI device, IDs PNP0501 (active)
[ 0.112762] pnp 00:0a: Plug and Play ACPI device, IDs PNP0303 PNP030b (active)
[ 0.112840] pnp 00:0b: Plug and Play ACPI device, IDs PNP0f13 (active)
[ 0.112882] pnp 00:0c: Plug and Play ACPI device, IDs IFX0102 PNP0c31 (active)
[ 0.112973] system 00:0d: Plug and Play ACPI device, IDs PNP0c02 (active)
[ 0.113097] pnp: PnP ACPI: found 14 devices
[ 0.113104] ACPI: ACPI bus type pnp unregistered
[ 0.119400] pci 0000:00:1c.1: bridge window [io 0x1000-0x0fff] to [bus 02] add_size 1000
[ 0.119405] pci 0000:00:1c.1: bridge window [mem 0x00100000-0x000fffff 64bit pref] to [bus 02] add_size 200000
[ 0.119414] pci 0000:00:1c.2: bridge window [io 0x1000-0x0fff] to [bus 03] add_size 1000
[ 0.119417] pci 0000:00:1c.2: bridge window [mem 0x00100000-0x000fffff 64bit pref] to [bus 03] add_size 200000
[ 0.119420] pci 0000:00:1c.2: bridge window [mem 0x00100000-0x000fffff] to [bus 03] add_size 200000
[ 0.119427] pci 0000:00:1c.1: res[9]=[mem 0x00100000-0x000fffff 64bit pref] get_res_add_size add_size 200000
[ 0.119429] pci 0000:00:1c.2: res[8]=[mem 0x00100000-0x000fffff] get_res_add_size add_size 200000
[ 0.119432] pci 0000:00:1c.2: res[9]=[mem 0x00100000-0x000fffff 64bit pref] get_res_add_size add_size 200000
[ 0.119434] pci 0000:00:1c.1: res[7]=[io 0x1000-0x0fff] get_res_add_size add_size 1000
[ 0.119437] pci 0000:00:1c.2: res[7]=[io 0x1000-0x0fff] get_res_add_size add_size 1000
[ 0.119444] pci 0000:00:1c.1: BAR 9: assigned [mem 0x82300000-0x824fffff 64bit pref]
[ 0.119457] pci 0000:00:1c.2: BAR 8: assigned [mem 0x82500000-0x826fffff]
[ 0.119470] pci 0000:00:1c.2: BAR 9: assigned [mem 0x82700000-0x828fffff 64bit pref]
[ 0.119481] pci 0000:00:1c.1: BAR 7: assigned [io 0x4000-0x4fff]
[ 0.119491] pci 0000:00:1c.2: BAR 7: assigned [io 0x5000-0x5fff]
[ 0.119501] pci 0000:00:1c.0: PCI bridge to [bus 01]
[ 0.119510] pci 0000:00:1c.0: bridge window [io 0x2000-0x2fff]
[ 0.119522] pci 0000:00:1c.0: bridge window [mem 0xe0500000-0xe05fffff]
[ 0.119533] pci 0000:00:1c.0: bridge window [mem 0xe0400000-0xe04fffff 64bit pref]
[ 0.119547] pci 0000:00:1c.1: PCI bridge to [bus 02]
[ 0.119556] pci 0000:00:1c.1: bridge window [io 0x4000-0x4fff]
[ 0.119567] pci 0000:00:1c.1: bridge window [mem 0xe0600000-0xe06fffff]
[ 0.119579] pci 0000:00:1c.1: bridge window [mem 0x82300000-0x824fffff 64bit pref]
[ 0.119592] pci 0000:00:1c.2: PCI bridge to [bus 03]
[ 0.119601] pci 0000:00:1c.2: bridge window [io 0x5000-0x5fff]
[ 0.119612] pci 0000:00:1c.2: bridge window [mem 0x82500000-0x826fffff]
[ 0.119624] pci 0000:00:1c.2: bridge window [mem 0x82700000-0x828fffff 64bit pref]
[ 0.119651] pci 0000:00:1c.1: enabling device (0106 -> 0107)
[ 0.119666] pci 0000:00:1c.2: enabling device (0104 -> 0107)
[ 0.119677] pci_bus 0000:00: resource 4 [io 0x0000-0x0cf7]
[ 0.119680] pci_bus 0000:00: resource 5 [io 0x0d00-0xffff]
[ 0.119682] pci_bus 0000:00: resource 6 [mem 0x000a0000-0x000bffff]
[ 0.119684] pci_bus 0000:00: resource 7 [mem 0x000c0000-0x000c3fff]
[ 0.119686] pci_bus 0000:00: resource 8 [mem 0x000c4000-0x000c7fff]
[ 0.119689] pci_bus 0000:00: resource 9 [mem 0x000c8000-0x000cbfff]
[ 0.119691] pci_bus 0000:00: resource 10 [mem 0x000cc000-0x000cffff]
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[ 0.119693] pci_bus 0000:00: resource 11 [mem 0x000d0000-0x000d3fff]
[ 0.119695] pci_bus 0000:00: resource 12 [mem 0x000d4000-0x000d7fff]
[ 0.119698] pci_bus 0000:00: resource 13 [mem 0x000d8000-0x000dbfff]
[ 0.119700] pci_bus 0000:00: resource 14 [mem 0x000dc000-0x000dffff]
[ 0.119702] pci_bus 0000:00: resource 15 [mem 0x000e0000-0x000e3fff]
[ 0.119704] pci_bus 0000:00: resource 16 [mem 0x000e4000-0x000e7fff]
[ 0.119706] pci_bus 0000:00: resource 17 [mem 0x000e8000-0x000ebfff]
[ 0.119709] pci_bus 0000:00: resource 18 [mem 0x000ec000-0x000effff]
[ 0.119711] pci_bus 0000:00: resource 19 [mem 0x000f0000-0x000fffff]
[ 0.119713] pci_bus 0000:00: resource 20 [mem 0x82200001-0xfefbffff]
[ 0.119715] pci_bus 0000:00: resource 21 [mem 0xfed40000-0xfed44fff]
[ 0.119718] pci_bus 0000:01: resource 0 [io 0x2000-0x2fff]
[ 0.119720] pci_bus 0000:01: resource 1 [mem 0xe0500000-0xe05fffff]
[ 0.119722] pci_bus 0000:01: resource 2 [mem 0xe0400000-0xe04fffff 64bit pref]
[ 0.119725] pci_bus 0000:02: resource 0 [io 0x4000-0x4fff]
[ 0.119727] pci_bus 0000:02: resource 1 [mem 0xe0600000-0xe06fffff]
[ 0.119729] pci_bus 0000:02: resource 2 [mem 0x82300000-0x824fffff 64bit pref]
[ 0.119731] pci_bus 0000:03: resource 0 [io 0x5000-0x5fff]
[ 0.119734] pci_bus 0000:03: resource 1 [mem 0x82500000-0x826fffff]
[ 0.119736] pci_bus 0000:03: resource 2 [mem 0x82700000-0x828fffff 64bit pref]
[ 0.119768] NET: Registered protocol family 2
[ 0.119906] TCP established hash table entries: 32768 (order: 7, 524288 bytes)
[ 0.119997] TCP bind hash table entries: 32768 (order: 8, 1048576 bytes)
[ 0.120343] TCP: Hash tables configured (established 32768 bind 32768)
[ 0.120368] TCP: reno registered
[ 0.120378] UDP hash table entries: 2048 (order: 5, 196608 bytes)
[ 0.120449] UDP-Lite hash table entries: 2048 (order: 5, 196608 bytes)
[ 0.120562] NET: Registered protocol family 1
[ 0.120582] pci 0000:00:02.0: Boot video device
[ 0.120645] PCI: CLS 64 bytes, default 64
[ 0.120685] PCI-DMA: Using software bounce buffering for IO (SWIOTLB)
[ 0.120695] software IO TLB [mem 0x7b780000-0x7f780000] (64MB) mapped at [ffff88007b780000-ffff88007f77ffff]
[ 0.121368] microcode: CPU0 sig=0x40651, pf=0x40, revision=0x15
[ 0.121382] microcode: CPU1 sig=0x40651, pf=0x40, revision=0x15
[ 0.121399] microcode: CPU2 sig=0x40651, pf=0x40, revision=0x15
[ 0.121415] microcode: CPU3 sig=0x40651, pf=0x40, revision=0x15
[ 0.121449] microcode: Microcode Update Driver: v2.00 <tigran@aiavazian.fsnet.co.uk>, Peter Oruba
[ 0.123403] msgmni has been set to 7781
[ 0.123701] Block layer SCSI generic (bsg) driver version 0.4 loaded (major 252)
[ 0.123712] io scheduler noop registered
[ 0.123718] io scheduler deadline registered
[ 0.123750] io scheduler cfq registered (default)
[ 0.123840] pcieport 0000:00:1c.0: irq 56 for MSI/MSI-X
[ 0.123941] pcieport 0000:00:1c.1: irq 57 for MSI/MSI-X
[ 0.124052] pcieport 0000:00:1c.2: irq 58 for MSI/MSI-X
[ 0.124145] aer 0000:00:1c.0:pcie02: service driver aer loaded
[ 0.124171] aer 0000:00:1c.1:pcie02: service driver aer loaded
[ 0.124197] aer 0000:00:1c.2:pcie02: service driver aer loaded
[ 0.124211] pcieport 0000:00:1c.0: Signaling PME through PCIe PME interrupt
[ 0.124220] pci 0000:01:00.0: Signaling PME through PCIe PME interrupt
[ 0.124231] pcie_pme 0000:00:1c.0:pcie01: service driver pcie_pme loaded
[ 0.124240] pcieport 0000:00:1c.1: Signaling PME through PCIe PME interrupt
[ 0.124249] pci 0000:02:00.0: Signaling PME through PCIe PME interrupt
[ 0.124260] pcie_pme 0000:00:1c.1:pcie01: service driver pcie_pme loaded
[ 0.124268] pcieport 0000:00:1c.2: Signaling PME through PCIe PME interrupt
[ 0.124279] pcie_pme 0000:00:1c.2:pcie01: service driver pcie_pme loaded
[ 0.124292] pci_hotplug: PCI Hot Plug PCI Core version: 0.5
[ 0.124315] pciehp: PCI Express Hot Plug Controller Driver version: 0.4
[ 0.124418] input: Power Button as /devices/LNXSYSTM:00/LNXXSYBUS:00/PNP0C0C:00/input/input0
[ 0.124430] ACPI: Power Button [PWRB]
[ 0.124475] input: Power Button as /devices/LNXSYSTM:00/LNXPWRBN:00/input/input1
[ 0.124484] ACPI: Power Button [PWRB]
[ 0.124555] ACPI: Fan [FAN0] (off)
[ 0.124588] ACPI: Fan [FAN1] (off)
[ 0.124619] ACPI: Fan [FAN2] (off)
[ 0.124649] ACPI: Fan [FAN3] (off)
[ 0.124681] ACPI: Fan [FAN4] (on)
[ 0.124923] ACPI: Video Device [GFX0] (multi-head: yes rom: no post: no)
[ 0.124966] input: Video Bus as /devices/LNXSYSTM:00/LNXXSYBUS:00/PNP0A08:00/LNXVIDEO:00/input/input2
[ 0.125004] ACPI: Requesting acpi_cpufreq
[ 0.125191] Monitor-Mwait will be used to enter C-1 state
[ 0.125196] Monitor-Mwait will be used to enter C-2 state
[ 0.125200] Monitor-Mwait will be used to enter C-3 state
[ 0.125209] ACPI: acpi_idle registered with cpuidle
[ 0.129209] thermal LNXTHERM:00: registered as thermal_zone0
[ 0.129218] ACPI: Thermal Zone [THRM] (33 C)
[ 0.129455] Non-volatile memory driver v1.3
[ 0.129518] Linux agpgart interface v0.103
[ 0.129632] tpm_tis tpm_tis: 1.2 TPM (device-id 0xB, rev-id 16) [gentle shutdown]
[ 0.254990] [drm] Initialized drm 1.1.0 20060810
[ 0.255402] [drm] Memory usable by graphics device = 2048M
[ 0.255414] i915 0000:00:02.0: setting latency timer to 64
[ 0.274150] i915 0000:00:02.0: irq 59 for MSI/MSI-X
[ 0.274158] [drm] Supports vblank timestamp caching Rev 1 (10.10.2010).
[ 0.274167] [drm] Driver supports precise vblank timestamp query.
[ 0.274177] i915 0000:00:02.0: Invalid ROM contents
[ 0.274184] [drm] failed to find VBIOS tables
[ 0.399605] fbcon: inteldrmfb (fb0) is primary device
[ 0.563381] Console: switching to colour frame buffer device 240x67
[ 0.573094] i915 0000:00:02.0: fb0: inteldrmfb frame buffer device
[ 0.573103] i915 0000:00:02.0: registered panic notifier
[ 0.573123] [drm] Initialized i915 1.6.0 20080730 for 0000:00:02.0 on minor 0
[ 0.573800] loop: module loaded
[ 0.573810] lkdtm: No crash points registered, enable through debugfs
[ 0.573845] cros_ec_lpc cros_ec_lpc.0: EC ID not detected
[ 0.573856] cros_ec_lpc: probe of cros_ec_lpc.0 failed with error -25
[ 0.573983] ahci 0000:00:1f.2: version 3.0
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[ 0.574029] ahci 0000:00:1f.2: irq 60 for MSI/MSI-X
[ 0.574053] ahci: SSS flag set, parallel bus scan disabled
[ 0.584493] ahci 0000:00:1f.2: AHCI 0001.0300 32 slots 4 ports 6 Gbps 0x1 impl SATA mode
[ 0.584505] ahci 0000:00:1f.2: flags: 64bit ncq ilck stag pm led clo only slum part deso sadm apst
[ 0.584518] ahci 0000:00:1f.2: setting latency timer to 64
[ 0.584818] scsi0 : ahci
[ 0.584888] scsi1 : ahci
[ 0.584948] scsi2 : ahci
[ 0.585003] scsi3 : ahci
[ 0.585042] ata1: SATA max UDMA/133 abar m2048@0xe0719000 port 0xe0719100 irq 60
[ 0.585051] ata2: DUMMY
[ 0.585056] ata3: DUMMY
[ 0.585061] ata4: DUMMY
[ 0.585170] ehci_hcd: USB 2.0 'Enhanced' Host Controller (EHCI) Driver
[ 0.585179] ehci-pci: EHCI PCI platform driver
[ 0.585194] ohci_hcd: USB 1.1 'Open' Host Controller (OHCI) Driver
[ 0.585210] uhci_hcd: USB Universal Host Controller Interface driver
[ 0.585255] xhci_hcd 0000:00:14.0: setting latency timer to 64
[ 0.585259] xhci_hcd 0000:00:14.0: xHCI Host Controller
[ 0.585306] xhci_hcd 0000:00:14.0: new USB bus registered, assigned bus number 1
[ 0.585391] xhci_hcd 0000:00:14.0: cache line size of 64 is not supported
[ 0.585427] xhci_hcd 0000:00:14.0: irq 61 for MSI/MSI-X
[ 0.585484] usb usb1: New USB device found, idVendor=1d6b, idProduct=0002
[ 0.585494] usb usb1: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[ 0.585503] usb usb1: Product: xHCI Host Controller
[ 0.585511] usb usb1: Manufacturer: Linux 3.8.11 xhci_hcd
[ 0.585518] usb usb1: SerialNumber: 0000:00:14.0
[ 0.585613] xHCI xhci_add_endpoint called for root hub
[ 0.585615] xHCI xhci_check_bandwidth called for root hub
[ 0.585638] hub 1-0:1.0: USB hub found
[ 0.585652] hub 1-0:1.0: 9 ports detected
[ 0.585841] xhci_hcd 0000:00:14.0: xHCI Host Controller
[ 0.585884] xhci_hcd 0000:00:14.0: new USB bus registered, assigned bus number 2
[ 0.585912] usb usb2: New USB device found, idVendor=1d6b, idProduct=0003
[ 0.585921] usb usb2: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[ 0.585930] usb usb2: Product: xHCI Host Controller
[ 0.585937] usb usb2: Manufacturer: Linux 3.8.11 xhci_hcd
[ 0.585945] usb usb2: SerialNumber: 0000:00:14.0
[ 0.586018] xHCI xhci_add_endpoint called for root hub
[ 0.586020] xHCI xhci_check_bandwidth called for root hub
[ 0.586041] hub 2-0:1.0: USB hub found
[ 0.586053] hub 2-0:1.0: 4 ports detected
[ 0.590498] usbcore: registered new interface driver cdc_acm
[ 0.590506] cdc_acm: USB Abstract Control Model driver for USB modems and ISDN adapters
[ 0.590516] Initializing USB Mass Storage driver...
[ 0.590538] usbcore: registered new interface driver usb-storage
[ 0.590545] USB Mass Storage support registered.
[ 0.590562] usbcore: registered new interface driver ums-realtek
[ 0.590590] usbcore: registered new interface driver usbserial
[ 0.590604] usbcore: registered new interface driver usbserial_generic
[ 0.590616] usbserial: USB Serial support registered for generic
[ 0.590670] i8042: PNP: PS/2 Controller [PNP0303:PS2K,PNP0f13:PS2M] at 0x60,0x64 irq 1,12
[ 0.591073] serio: i8042 KBD port at 0x60,0x64 irq 1
[ 0.591086] serio: i8042 AUX port at 0x60,0x64 irq 12
[ 0.591350] rtc_cmos 00:06: RTC can wake from S4
[ 0.591507] rtc_cmos 00:06: rtc core: registered rtc_cmos as rtc0
[ 0.591544] rtc0: alarms up to one month, 242 bytes nvram, hpet irqs
[ 0.591595] i801_smbus 0000:00:1f.3: SMBus using PCI Interrupt
[ 0.591704] itco_wdt: Intel TCO WatchDog Timer Driver v1.10
[ 0.591731] itco_wdt: Found a Lynx Point_LP TCO device (Version=2, TCOBASE=0x1060)
[ 0.591806] itco_wdt: initialized. heartbeat=30 sec (nowayout=0)
[ 0.591818] itco_vendor_support: vendor-support=0
[ 0.591916] device-mapper: ioctl: 4.23.1-ioctl (2012-12-18) initialised: dm-devel@redhat.com
[ 0.591975] device-mapper: verity-chromeos: dm-verity-chromeos registered
[ 0.591985] device-mapper: bootcache: version 0.1.0 loaded
[ 0.592079] cpuidle: using governor ladder
[ 0.592178] cpuidle: using governor menu
[ 0.592382] gsmi version 1.0 loaded
[ 0.592420] usbcore: registered new interface driver usbhid
[ 0.592428] usbhid: USB HID core driver
[ 0.592495] Netfilter messages via NETLINK v0.30.
[ 0.592514] nf_conntrack version 0.5.0 (16384 buckets, 65536 max)
[ 0.592608] ctnetlink v0.93: registering with nfnetlink.
[ 0.592735] ip_tables: (C) 2000-2006 Netfilter Core Team
[ 0.592762] TCP: cubic registered
[ 0.592768] Initializing XFRM netlink socket
[ 0.592889] NET: Registered protocol family 10
[ 0.593050] NET: Registered protocol family 17
[ 0.593888] Magic number: 14:261:787
[ 0.594301] ALSA device list:
[ 0.594307] No soundcards found.
[ 0.594325] Warning: unable to open an initial console.
[ 0.618702] atkbd serio0: GETID failed
[ 0.645295] atkbd serio0: atkbd: SETLEDS failed
[ 0.700519] atkbd serio0: GETID failed
[ 0.727111] atkbd serio0: atkbd: SETLEDS failed
[ 0.782336] atkbd serio0: GETID failed
[ 0.808928] atkbd serio0: atkbd: SETLEDS failed
[ 0.849283] ata1: SATA link up 6.0 Gbps (SStatus 133 SControl 300)
[ 0.850219] ata1.00: ATA-9: SanDisk SSD U110 16GB, U221000, max UDMA/133
[ 0.850245] ata1.00: 31277232 sectors, multi 1: LBA48 NCQ (depth 31/32)
[ 0.851429] ata1.00: configured for UDMA/133
[ 0.851826] scsi 0:0:0:0: Direct-Access ATA SanDisk SSD U110 U221 PQ: 0 ANSI: 5
[ 0.852199] sd 0:0:0:0: [sda] 31277232 512-byte logical blocks: (16.0 GB/14.9 GiB)
[ 0.852361] sd 0:0:0:0: [sda] Write Protect is off
[ 0.852385] sd 0:0:0:0: [sda] Mode Sense: 00 3a 00 00
[ 0.852418] sd 0:0:0:0: [sda] Write cache: enabled, read cache: enabled, doesn't support DPO or FUA
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[ 0.855144] sda: sda1 sda2 sda3 sda4 sda5 sda6 sda7 sda8 sda9 sda10 sda11 sda12
[ 0.856420] sd 0:0:0:0: [sda] Attached SCSI disk
[ 0.856457] device-mapper: init: attempting early device configuration.
[ 0.856797] device-mapper: init: adding target '0 2097152 verity payload=PARTUUID=1a39b5a7-e820-734b-a101-80ba64ab040e/PARTNROFF=1
hashtree=PARTUUID=1a39b5a7-e820-734b-a101-80ba64ab040e/PARTNROFF=1 hashstart=2097152 alg=sha1 root_hexdigest=0f19e74c7ff7a55c90f5c056251ca64bbeadced7
salt=elef7e39125bc99d5803bff637dfcac705127e1bbff93d66583062d6455925e9'
[ 0.856861] device-mapper: verity: Argument 0: 'payload=PARTUUID=1a39b5a7-e820-734b-a101-80ba64ab040e/PARTNROFF=1'
[ 0.856885] device-mapper: verity: Argument 1: 'hashtree=PARTUUID=1a39b5a7-e820-734b-a101-80ba64ab040e/PARTNROFF=1'
[ 0.856909] device-mapper: verity: Argument 2: 'hashstart=2097152'
[ 0.856926] device-mapper: verity: Argument 3: 'alg=sha1'
[ 0.856941] device-mapper: verity: Argument 4: 'root_hexdigest=0f19e74c7ff7a55c90f5c056251ca64bbeadced7'
[ 0.856963] device-mapper: verity: Argument 5: 'salt=elef7e39125bc99d5803bff637dfcac705127e1bbff93d66583062d6455925e9'
[ 0.860030] bio: create slab <bio-1> at 1
[ 0.860102] device-mapper: init: dm-0 is ready
[ 0.862731] EXT4-fs (dm-0): couldn't mount as ext3 due to feature incompatibilities
[ 0.863297] EXT4-fs (dm-0): mounting ext2 file system using the ext4 subsystem
[ 0.864075] atkbd serio0: GETID failed
[ 0.866421] EXT4-fs (dm-0): mounted filesystem without journal. Opts: (null)
[ 0.866459] VFS: Mounted root (ext2 filesystem) readonly on device 254:0.
[ 0.874123] devtmpfs: mounted
[ 0.877390] Freeing unused kernel memory: 700k freed
[ 0.877576] Write protecting the kernel read-only data: 8192k
[ 0.882807] Freeing unused kernel memory: 1364k freed
[ 0.883769] Freeing unused kernel memory: 204k freed
[ 0.890649] atkbd serio0: atkbd: SETLEDS failed
[ 0.938044] usb 1-3: new full-speed USB device number 2 using xhci_hcd
[ 0.945889] atkbd serio0: GETID failed
[ 0.951105] usb 1-3: New USB device found, idVendor=04f2, idProduct=1338
[ 0.951118] usb 1-3: New USB device strings: Mfr=1, Product=2, SerialNumber=0
[ 0.951128] usb 1-3: Product: USB Wireless HID Receiver
[ 0.951136] usb 1-3: Manufacturer: Chicony
[ 0.951254] usb 1-3: ep 0x81 - rounding interval to 64 microframes, ep desc says 80 microframes
[ 0.951272] usb 1-3: ep 0x84 - rounding interval to 64 microframes, ep desc says 80 microframes
[ 0.951284] usb 1-3: ep 0x4 - rounding interval to 32 microframes, ep desc says 48 microframes
[ 0.952473] input: Chicony USB Wireless HID Receiver as /devices/pci0000:00/0000:00:14.0/usb1/1-3/1-3:1.0/input/input3
[ 0.952587] hid-generic 0003:04F2:1338.0001: input,hidraw0: USB HID v1.11 Keyboard [Chicony USB Wireless HID Receiver] on usb-0000:00:14.0-3/input0
[ 0.954039] input: Chicony USB Wireless HID Receiver as /devices/pci0000:00/0000:00:14.0/usb1/1-3/1-3:1.1/input/input4
[ 0.954194] hid-generic 0003:04F2:1338.0002: input,hiddev0,hidraw1: USB HID v1.11 Device [Chicony USB Wireless HID Receiver] on usb-0000:00:14.0-3/input1
[ 0.954920] input: Chicony USB Wireless HID Receiver as /devices/pci0000:00/0000:00:14.0/usb1/1-3/1-3:1.2/input/input5
[ 0.955043] hid-generic 0003:04F2:1338.0003: input,hidraw2: USB HID v1.11 Mouse [Chicony USB Wireless HID Receiver] on usb-0000:00:14.0-3/input2
[ 0.955790] hid-generic 0003:04F2:1338.0004: hiddev0,hidraw3: USB HID v1.11 Device [Chicony USB Wireless HID Receiver] on usb-0000:00:14.0-3/input3
[ 0.972485] atkbd serio0: atkbd: SETLEDS failed
[ 0.972496] atkbd serio0: probe failed
[ 1.001112] atkbd serio1: GETID failed
[ 1.027700] atkbd serio1: atkbd: SETLEDS failed
[ 1.027711] atkbd serio1: probe failed
[ 1.054284] psmouse serio0: GETID probe failed, retrying...
[ 1.065674] udevd[88]: starting version 171
[ 1.100180] Unsafe core_pattern used with suid_dumpable=2. Pipe handler or fully qualified core dump path required.
[ 1.107839] usb 1-4: new full-speed USB device number 3 using xhci_hcd
[ 1.120163] usb 1-4: string descriptor 0 malformed (err = -61), defaulting to 0x0409
[ 1.120811] tsc: Refined TSC clocksource calibration: 1696.073 MHz
[ 1.120823] Switching to clocksource tsc
[ 1.122278] usb 1-4: New USB device found, idVendor=13d3, idProduct=3393
[ 1.122290] usb 1-4: New USB device strings: Mfr=1, Product=2, SerialNumber=3
[ 1.127783] EXT4-fs (sda1): mounted filesystem with ordered data mode. Opts: commit=600
[ 1.136362] psmouse serio1: GETID probe failed, retrying...
[ 1.142434] EXT4-fs (sda8): mounted filesystem with ordered data mode. Opts: commit=600
[ 1.145089] Chromium OS LSM: init_module locked module="/lib/modules/3.8.11/kernel/drivers/input/joydev.ko" pid=135 cmdline="/sbin/modprobe -bv
input:b0003v04F2p1338e0111-
e0,1,2,3,4,14,k71,72,73,74,77,80,82,83,85,86,87,88,89,8A,8B,8C,8E,8F,90,96,98,9B,9C,9E,9F,A1,A3,A4,A5,A6,A7,A8,A9,AB,AC,AD,AE,B1,B2,B5,CE,CF,D0,D1,D2,D4,D8,D'
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[ 2.788399] r8169 0000:01:00.0 eth0: link down
[ 2.788431] IPv6: ADDRCONF(NETDEV_UP): eth0: link is not ready
[ 2.821410] ieee80211 phy0: device now idle
[ 2.831956] IPv6: ADDRCONF(NETDEV_UP): wlan0: link is not ready
[ 2.856617] ieee80211 phy0: device no longer idle - scanning
[ 3.155813] init: disable_echo main process (82) killed by TERM signal
[ 4.527817] low_mem: setting minfree to 211968 kB
[ 4.543044] r8169 0000:01:00.0 eth0: link up
[ 4.543081] IPv6: ADDRCONF(NETDEV_CHANGE): eth0: link becomes ready
[ 4.544082] fuse init (API version 7.20)
[ 4.569644] zsmalloc: module is from the staging directory, the quality is unknown, you have been warned.
[ 4.575523] zram: module is from the staging directory, the quality is unknown, you have been warned.
[ 4.575786] zram: num_devices not specified. Using default: 1
[ 4.575798] zram: Creating 1 devices ...
[ 4.603392] snd_hda_intel 0000:00:03.0: irq 63 for MSI/MSI-X
[ 4.669110] hda_codec: invalid CONNECT_LIST verb 6[1]:0
[ 4.669190] hda_codec: invalid CONNECT_LIST verb 7[1]:0
[ 4.671775] input: HDA Intel MID HDMI/DP,pcm=8 as /devices/pci0000:00/0000:00:03.0/sound/card0/input6
[ 4.672004] input: HDA Intel MID HDMI/DP,pcm=7 as /devices/pci0000:00/0000:00:03.0/sound/card0/input7
[ 4.672120] input: HDA Intel MID HDMI/DP,pcm=3 as /devices/pci0000:00/0000:00:03.0/sound/card0/input8
[ 4.672801] snd_hda_intel 0000:00:1b.0: irq 64 for MSI/MSI-X
[ 4.707302] Adding 5839276k swap on /dev/zram0. Priority:-1 extents:1 across:5839276k SS
[ 4.714252] input: HDA Intel PCH Mic as /devices/pci0000:00/0000:00:1b.0/sound/card1/input9
[ 4.714605] input: HDA Intel PCH Headphone as /devices/pci0000:00/0000:00:1b.0/sound/card1/input10
[ 4.820705] i2c /dev entries driver
[ 5.261950] r8169 0000:01:00.0 eth0: link up
[ 6.083407] init: lid_touchpad_helper main process (1059) killed by TERM signal
[ 6.089820] init: debugd main process (509) killed by TERM signal
[ 6.609399] r8169 0000:01:00.0 eth0: link up
[ 6.917005] ieee80211 phy0: device now idle
[ 6.936208] wlan0: authenticate with 00:24:6c:b7:7e:ba
[ 6.936219] ieee80211 phy0: Allocated STA 00:24:6c:b7:7e:ba
[ 6.939280] ieee80211 phy0: device no longer idle - in use
[ 6.956859] ieee80211 phy0: Inserted STA 00:24:6c:b7:7e:ba
[ 6.956865] wlan0: direct probe to 00:24:6c:b7:7e:ba (try 1/3)
[ 7.157350] wlan0: send auth to 00:24:6c:b7:7e:ba (try 2/3)
[ 7.159934] wlan0: authenticated
[ 7.159940] wlan0: moving STA 00:24:6c:b7:7e:ba to state 2
[ 7.167329] wlan0: associate with 00:24:6c:b7:7e:ba (try 1/3)
[ 7.169423] wlan0: RX AssocResp from 00:24:6c:b7:7e:ba (capab=0x411 status=0 aid=1)
[ 7.169428] wlan0: associated
[ 7.169436] wlan0: moving STA 00:24:6c:b7:7e:ba to state 3
[ 7.169529] IPv6: ADDRCONF(NETDEV_CHANGE): wlan0: link becomes ready
[ 7.171321] wlan0: dropped frame to 00:24:6c:b7:7e:ba (unauthorized port)
[ 7.316297] wlan0: moving STA 00:24:6c:b7:7e:ba to state 4
[ 8.607026] wlan0: deauthenticating from 00:24:6c:b7:7e:ba by local choice (reason=1)
[ 8.616819] wlan0: moving STA 00:24:6c:b7:7e:ba to state 3
[ 8.616826] wlan0: moving STA 00:24:6c:b7:7e:ba to state 2
[ 8.616833] wlan0: moving STA 00:24:6c:b7:7e:ba to state 1
[ 8.622549] ieee80211 phy0: Removed STA 00:24:6c:b7:7e:ba
[ 8.622637] ieee80211 phy0: Destroyed STA 00:24:6c:b7:7e:ba
[ 8.630565] ieee80211 phy0: device now idle
[ 8.632214] cfg80211: Calling CRDA to update world regulatory domain
[ 8.649852] cfg80211: World regulatory domain updated:
[ 8.649866] cfg80211: (start_freq - end_freq @ bandwidth), (max_antenna_gain, max_eirp)
[ 8.649880] cfg80211: (2402000 KHz - 2472000 KHz @ 40000 KHz), (300 mBi, 2000 mBm)
[ 8.649893] cfg80211: (2457000 KHz - 2482000 KHz @ 20000 KHz), (300 mBi, 2000 mBm)
[ 8.649905] cfg80211: (2474000 KHz - 2494000 KHz @ 20000 KHz), (300 mBi, 2000 mBm)
[ 8.649917] cfg80211: (5170000 KHz - 5250000 KHz @ 40000 KHz), (300 mBi, 2000 mBm)
[ 8.649929] cfg80211: (5735000 KHz - 5835000 KHz @ 40000 KHz), (300 mBi, 2000 mBm)
[ 8.699459] wlan0: authenticate with 00:24:6c:b7:7e:ba
[ 8.699470] ieee80211 phy0: Allocated STA 00:24:6c:b7:7e:ba
[ 8.702751] ieee80211 phy0: device no longer idle - in use
[ 8.720304] ieee80211 phy0: Inserted STA 00:24:6c:b7:7e:ba
[ 8.720312] wlan0: send auth to 00:24:6c:b7:7e:ba (try 1/3)
[ 8.722872] wlan0: authenticated
[ 8.722879] wlan0: moving STA 00:24:6c:b7:7e:ba to state 2
[ 8.740365] wlan0: associate with 00:24:6c:b7:7e:ba (try 1/3)
[ 8.743287] wlan0: RX AssocResp from 00:24:6c:b7:7e:ba (capab=0x411 status=0 aid=1)
[ 8.743293] wlan0: associated
[ 8.743302] wlan0: moving STA 00:24:6c:b7:7e:ba to state 3
[ 8.743413] IPv6: ADDRCONF(NETDEV_CHANGE): wlan0: link becomes ready
[ 8.870778] wlan0: moving STA 00:24:6c:b7:7e:ba to state 4
[ 113.294880] usb 1-2: new high-speed USB device number 4 using xhci_hcd
[ 113.306152] usb 1-2: New USB device found, idVendor=1a40, idProduct=0201
[ 113.306177] usb 1-2: New USB device strings: Mfr=0, Product=1, SerialNumber=0
[ 113.306197] usb 1-2: Product: USB 2.0 Hub [MTT]
[ 113.306856] hub 1-2:1.0: USB hub found
[ 113.306919] hub 1-2:1.0: 7 ports detected
[ 113.580440] usb 1-2.1: new high-speed USB device number 5 using xhci_hcd
[ 113.591630] usb 1-2.1: New USB device found, idVendor=1a40, idProduct=0101
[ 113.591661] usb 1-2.1: New USB device strings: Mfr=0, Product=1, SerialNumber=0
[ 113.591685] usb 1-2.1: Product: USB 2.0 Hub [MTT]
[ 113.592319] hub 1-2.1:1.0: USB hub found
[ 113.592396] hub 1-2.1:1.0: 4 ports detected
[ 113.666331] usb 1-2.2: new full-speed USB device number 6 using xhci_hcd
[ 113.726030] usb 1-2.2: New USB device found, idVendor=04e7, idProduct=0020
[ 113.726062] usb 1-2.2: New USB device strings: Mfr=1, Product=2, SerialNumber=3
[ 113.726087] usb 1-2.2: Product: Elo TouchSystems 2700 IntelliTouch(r) USB Touchmonitor Interface
[ 113.726114] usb 1-2.2: Manufacturer: Elo TouchSystems, Inc.
[ 113.726135] usb 1-2.2: SerialNumber: 20K22055
[ 113.726439] usb 1-2.2: ep 0x81 - rounding interval to 32 microframes, ep desc says 40 microframes
[ 113.800925] input: Elo TouchSystems, Inc. Elo TouchSystems 2700 IntelliTouch(r) USB Touchmonitor Interface as /devices/pci0000:00/0000:00:14.0/usb1/1-2/1-2.2/1-2.2:1.0/input/input11
[ 113.801511] hid-generic 0003:04E7:0020.0005: input,hidraw4: USB HID v1.00 Pointer [Elo TouchSystems, Inc. Elo TouchSystems 2700 IntelliTouch(r) USB Touchmonitor Interface] on usb-0000:00:14.0-2.2/input0
[ 113.875051] usb 1-2.3: new full-speed USB device number 7 using xhci_hcd
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[ 113.892396] usb 1-2.3: New USB device found, idVendor=0403, idProduct=6001
[ 113.892412] usb 1-2.3: New USB device strings: Mfr=1, Product=2, SerialNumber=3
[ 113.892425] usb 1-2.3: Product: FT232R USB UART
[ 113.892434] usb 1-2.3: Manufacturer: FTDI
[ 113.892444] usb 1-2.3: SerialNumber: A702X4IQ
[ 113.913059] usbcore: registered new interface driver ftdi_sio
[ 113.913095] usbserial: USB Serial support registered for FTDI USB Serial Device
[ 113.913229] ftdi_sio 1-2.3:1.0: FTDI USB Serial Device converter detected
[ 113.913281] usb 1-2.3: Detected FT232RL
[ 113.913291] usb 1-2.3: Number of endpoints 2
[ 113.913301] usb 1-2.3: Endpoint 1 MaxPacketSize 64
[ 113.913311] usb 1-2.3: Endpoint 2 MaxPacketSize 64
[ 113.913321] usb 1-2.3: Setting MaxPacketSize 64
[ 113.913621] usb 1-2.3: FTDI USB Serial Device converter now attached to ttyUSB0
[ 113.967940] usb 1-2.4: new full-speed USB device number 8 using xhci_hcd
[ 113.985672] usb 1-2.4: New USB device found, idVendor=0403, idProduct=6010
[ 113.985704] usb 1-2.4: New USB device strings: Mfr=1, Product=2, SerialNumber=3
[ 113.985730] usb 1-2.4: Product: Mstar USB Debug Tool
[ 113.985751] usb 1-2.4: Manufacturer: MSTAR
[ 113.985769] usb 1-2.4: SerialNumber: gggggggg
[ 113.989173] ftdi_sio 1-2.4:1.0: FTDI USB Serial Device converter detected
[ 113.989277] usb 1-2.4: Detected FT2232C
[ 113.989298] usb 1-2.4: Number of endpoints 2
[ 113.989318] usb 1-2.4: Endpoint 1 MaxPacketSize 64
[ 113.989338] usb 1-2.4: Endpoint 2 MaxPacketSize 64
[ 113.989358] usb 1-2.4: Setting MaxPacketSize 64
[ 113.989708] usb 1-2.4: FTDI USB Serial Device converter now attached to ttyUSB1
[ 113.992511] ftdi_sio 1-2.4:1.1: FTDI USB Serial Device converter detected
[ 113.992589] usb 1-2.4: Detected FT2232C
[ 113.992604] usb 1-2.4: Number of endpoints 2
[ 113.992619] usb 1-2.4: Endpoint 1 MaxPacketSize 64
[ 113.992634] usb 1-2.4: Endpoint 2 MaxPacketSize 64
[ 113.992649] usb 1-2.4: Setting MaxPacketSize 64
[ 113.993023] usb 1-2.4: FTDI USB Serial Device converter now attached to ttyUSB2
[ 136.698028] hda_codec: invalid CONNECT_LIST verb 6[1]:0
[ 136.698295] hda_codec: invalid CONNECT_LIST verb 7[1]:0
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