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[ 0.000000] Initializing cgroup subsys cpuset
[ 0.000000] Initializing cgroup subsys cpu
[ 0.000000] Initializing cgroup subsys cpuacct
[ 0.000000] Linux version 3.13.0-39-generic (buildd@toyol) (gcc version 4.8.2
(Ubuntu 4.8.2-19ubuntu1) ) #66-Ubuntu SMP Tue Oct 28 13:30:27 UTC 2014 (Ubuntu
3.13.0-39.66-generic 3.13.11.8)
[ 0.000000] Command line: BOOT_IMAGE=/boot/vmlinuz-3.13.0-39-generic
root=UUID=c426e596-43c8-4b64-b736-5a2bd986872a ro quiet splash vt.handoff=7
[ 0.000000] KERNEL supported cpus:
[ 0.000000] Intel GenuineIntel
[ 0.000000] AMD AuthenticAMD
[ 0.000000] Centaur CentaurHauls
[ 0.000000] e820: BIOS-provided physical RAM map:
[ 0.000000] BIOS-e820: [mem 0x0000000000000000-0x0000000000009d7fff] usable
[ 0.000000] BIOS-e820: [mem 0x0000000000009d800-0x0000000000009ffff] reserved
[ 0.000000] BIOS-e820: [mem 0x000000000000e0000-0x000000000000ffffff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000000100000-0x000000000000c6ce9fff] usable
[ 0.000000] BIOS-e820: [mem 0x00000000000c6cea000-0x00000000000c70f9fff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000000c70fa000-0x00000000000c7179fff] ACPI NVS
[ 0.000000] BIOS-e820: [mem 0x00000000000c717a000-0x00000000000c71d9fff] ACPI data
[ 0.000000] BIOS-e820: [mem 0x00000000000c71da000-0x00000000000c7bffffff] usable
[ 0.000000] BIOS-e820: [mem 0x00000000000c7c00000-0x00000000000c7fffffff] reserved
[ 0.000000] BIOS-e820: [mem 0x000000000fec00000-0x000000000fecffffff] reserved
[ 0.000000] BIOS-e820: [mem 0x000000000fed80000-0x000000000fed80ffff] reserved
[ 0.000000] BIOS-e820: [mem 0x000000000ffe00000-0x000000000ffffffff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000100000000-0x0000000011effffff] usable
[ 0.000000] NX (Execute Disable) protection: active
[ 0.000000] SMBIOS 2.6 present.
[ 0.000000] DMI: LENOVO 30515XG/30515XG, BIOS 8RET54WW (1.17 ) 10/24/2012
[ 0.000000] e820: update [mem 0x00000000-0x00000fff] usable ==> reserved
[ 0.000000] e820: remove [mem 0x000a0000-0x000ffffff] usable
[ 0.000000] No AGP bridge found
[ 0.000000] e820: last_pfn = 0x11f000 max_arch_pfn = 0x400000000
[ 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-FFFFFF write-protect
[ 0.000000] MTRR variable ranges enabled:
[ 0.000000] 0 base 000000000 mask F80000000 write-back
[ 0.000000] 1 base 080000000 mask FC0000000 write-back
[ 0.000000] 2 base 0C0000000 mask FF8000000 write-back
[ 0.000000] 3 base 0FFF90000 mask FFFFF0000 uncachable
[ 0.000000] 4 base 0FED80000 mask FFFFFFF000 uncachable
[ 0.000000] 5 disabled
[ 0.000000] 6 disabled
[ 0.000000] 7 base 0FFE00000 mask FFFE00000 write-protect
[ 0.000000] TOM2: 000000011f000000 aka 4592M
[ 0.000000] x86 PAT enabled: cpu 0, old 0x7040600070406, new 0x7010600070106
[ 0.000000] e820: last_pfn = 0xc7c00 max_arch_pfn = 0x400000000
[ 0.000000] Scanning 1 areas for low memory corruption
[ 0.000000] Base memory trampoline at [ffff88000097000] 97000 size 24576
[ 0.000000] Using GB pages for direct mapping
[ 0.000000] init_memory_mapping: [mem 0x00000000-0x000ffffff]
[ 0.000000] [mem 0x00000000-0x000ffffff] page 4k
[ 0.000000] BRK [0x01fe1000, 0x01fe1fff] PGTABLE
[ 0.000000] BRK [0x01fe2000, 0x01fe2fff] PGTABLE
[ 0.000000] BRK [0x01fe3000, 0x01fe3fff] PGTABLE
[ 0.000000] init_memory_mapping: [mem 0x11ee00000-0x11effffff]
[ 0.000000] [mem 0x11ee00000-0x11effffff] page 2M
[ 0.000000] BRK [0x01fe4000, 0x01fe4fff] PGTABLE
[ 0.000000] init_memory_mapping: [mem 0x11c000000-0x11edffff]
[ 0.000000] [mem 0x11c000000-0x11edffff] page 2M
[ 0.000000] init_memory_mapping: [mem 0x100000000-0x11bffff]
[ 0.000000] [mem 0x100000000-0x11bffff] page 2M
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[ 0.000000] [mem 0x100000000-0x11bfffffff] page 2M
[ 0.000000] init_memory_mapping: [mem 0x00100000-0xc6ce9fff]
[ 0.000000] [mem 0x00100000-0x001fffffff] page 4k
[ 0.000000] [mem 0x00200000-0x3fffffff] page 2M
[ 0.000000] [mem 0x40000000-0xbfffffff] page 1G
[ 0.000000] [mem 0xc0000000-0xc6bfffffff] page 2M
[ 0.000000] [mem 0xc6c00000-0xc6ce9fff] page 4k
[ 0.000000] init_memory_mapping: [mem 0xc71da000-0xc7bfffffff]
[ 0.000000] [mem 0xc71da000-0xc71fffffff] page 4k
[ 0.000000] [mem 0xc7200000-0xc7bfffffff] page 2M
[ 0.000000] BRK [0x01fe5000, 0x01fe5fff] PGTABLE
[ 0.000000] RAMDISK: [mem 0x35b5a000-0x36da4fff]
[ 0.000000] ACPI: RSDP 00000000000f00e0 000024 (v04 LENOVO)
[ 0.000000] ACPI: XSDT 00000000c71d9120 000074 (v01 LENOVO TP-8R 00000003
PTEC 00000002)
[ 0.000000] ACPI: FACP 00000000c71c4000 0000F4 (v04 LENOVO TP-8R 00001170
PTL 00000002)
[ 0.000000] ACPI: DSDT 00000000c71c6000 0112E1 (v01 LENOVO TP-8R 00001000
PTEC 00001170)
[ 0.000000] ACPI: FACS 00000000c7165000 000040
[ 0.000000] ACPI: SLIC 00000000c71d8000 000176 (v01 LENOVO TP-8R 00001170
PTEC 00000001)
[ 0.000000] ACPI: HPET 00000000c71c3000 000038 (v01 LENOVO TP-8R 00001170
PTL 00000002)
[ 0.000000] ACPI: APIC 00000000c71c2000 00005E (v02 LENOVO TP-8R 00001170
PTL 00000002)
[ 0.000000] ACPI: MCFG 00000000c71c1000 00003C (v01 LENOVO TP-8R 00001170
PTL 00000002)
[ 0.000000] ACPI: UEFI 00000000c71c0000 00003E (v01 LENOVO TP-8R 00001170
PTL 00000002)
[ 0.000000] ACPI: UEFI 00000000c71bf000 000042 (v01 PTL COMBUF 00000001
PTL 00000001)
[ 0.000000] ACPI: SSDT 00000000c71be000 0003DE (v01 AMD POWERNOW 00000001
AMD 00000001)
[ 0.000000] ACPI: SSDT 00000000c71bc000 00168E (v02 AMD ALIB 00000001
MSFT 04000000)
[ 0.000000] ACPI: UEFI 00000000c71bb000 00013E (v01 LENOVO TP-8R 00001170
PTL 00000002)
[ 0.000000] ACPI: Local APIC address 0xfee00000
[ 0.000000] No NUMA configuration found
[ 0.000000] Faking a node at [mem 0x0000000000000000-0x000000011effffff]
[ 0.000000] Initempty setup node 0 [mem 0x00000000-0x11effffff]
[ 0.000000] NODE_DATA [mem 0x11eff9000-0x11effdfff]
[ 0.000000] [ffffea0000000000-ffffea00047ffff] PMD -> [ffff88011ac00000-
ffff88011e5ffff] on node 0
[ 0.000000] Zone ranges:
[ 0.000000] DMA [mem 0x00001000-0x00ffffff]
[ 0.000000] DMA32 [mem 0x01000000-0xffffffff]
[ 0.000000] Normal [mem 0x100000000-0x11effffff]
[ 0.000000] Movable zone start for each node
[ 0.000000] Early memory node ranges
[ 0.000000] node 0: [mem 0x00001000-0x0009cfff]
[ 0.000000] node 0: [mem 0x00100000-0xc6ce9fff]
[ 0.000000] node 0: [mem 0xc71da000-0xc7bfffffff]
[ 0.000000] node 0: [mem 0x100000000-0x11effffff]
[ 0.000000] On node 0 totalpages: 943788
[ 0.000000] DMA zone: 64 pages used for memmap
[ 0.000000] DMA zone: 21 pages reserved
[ 0.000000] DMA zone: 3996 pages, LIFO batch:0
[ 0.000000] DMA32 zone: 12701 pages used for memmap
[ 0.000000] DMA32 zone: 812816 pages, LIFO batch:31
[ 0.000000] Normal zone: 1984 pages used for memmap
[ 0.000000] Normal zone: 126976 pages, LIFO batch:31
[ 0.000000] ACPI: PM-Timer IO Port: 0x808
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[ 0.000000] ACPI: Local APIC address 0xfee00000
[ 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_NMI (acpi_id[0x00] high edge lint[0x1])
[ 0.000000] ACPI: LAPIC_NMI (acpi_id[0x01] high edge lint[0x1])
[ 0.000000] ACPI: IOAPIC (id[0x02] address[0xfec00000] gsi_base[0])
[ 0.000000] IOAPIC[0]: apic_id 2, version 33, address 0xfec00000, GSI 0-23
[ 0.000000] ACPI: INT_SRC_OVR (bus 0 bus_irq 0 global_irq 2 dfl dfl)
[ 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: 0x43538210 base: 0xfed00000
[ 0.000000] smpboot: Allowing 2 CPUs, 0 hotplug CPUs
[ 0.000000] nr_irqs_gsi: 40
[ 0.000000] PM: Registered nosave memory: [mem 0x0009d000-0x0009dfff]
[ 0.000000] PM: Registered nosave memory: [mem 0x0009e000-0x0009ffff]
[ 0.000000] PM: Registered nosave memory: [mem 0x000a0000-0x000dffff]
[ 0.000000] PM: Registered nosave memory: [mem 0x000e0000-0x000fffff]
[ 0.000000] PM: Registered nosave memory: [mem 0xc6cea000-0xc70f9fff]
[ 0.000000] PM: Registered nosave memory: [mem 0xc70fa000-0xc7179fff]
[ 0.000000] PM: Registered nosave memory: [mem 0xc717a000-0xc71d9fff]
[ 0.000000] PM: Registered nosave memory: [mem 0xc7c00000-0xc7fffff]
[ 0.000000] PM: Registered nosave memory: [mem 0xc8000000-0xfefbffff]
[ 0.000000] PM: Registered nosave memory: [mem 0xfec00000-0xfecfffff]
[ 0.000000] PM: Registered nosave memory: [mem 0xfed00000-0xfed7ffff]
[ 0.000000] PM: Registered nosave memory: [mem 0xfed80000-0xfed80fff]
[ 0.000000] PM: Registered nosave memory: [mem 0xfed81000-0xffdfbfff]
[ 0.000000] PM: Registered nosave memory: [mem 0xffe00000-0xffffffff]
[ 0.000000] e820: [mem 0xc8000000-0xfefbffff] available for PCI devices
[ 0.000000] Booting paravirtualized kernel on bare hardware
[ 0.000000] setup_percpu: NR_CPUS:256 nr_cpumask_bits:256 nr_cpu_ids:2
nr_node_ids:1
[ 0.000000] PERCPU: Embedded 29 pages/cpu @ffff88011ec00000 s86400 r8192
d24192 u1048576
[ 0.000000] pcpu-alloc: s86400 r8192 d24192 u1048576 alloc=1*2097152
[ 0.000000] pcpu-alloc: [0] 0 1
[ 0.000000] Built 1 zonelists in Node order, mobility grouping on. Total
pages: 929018
[ 0.000000] Policy zone: Normal
[ 0.000000] Kernel command line: BOOT_IMAGE=/boot/vmlinuz-3.13.0-39-generic
root=UUID=c426e596-43c8-4b64-b736-5a2bd986872a ro quiet splash vt.handoff=7
[ 0.000000] PID hash table entries: 4096 (order: 3, 32768 bytes)
[ 0.000000] Checking aperture...
[ 0.000000] No AGP bridge found
[ 0.000000] Calgary: detecting Calgary via BIOS EBDA area
[ 0.000000] Calgary: Unable to locate Rio Grande table in EBDA - bailing!
[ 0.000000] Memory: 3614096K/3775152K available (7375K kernel code, 1144K
rwdata, 3404K rodata, 1336K init, 1444K bss, 161056K reserved)
[ 0.000000] SLUB: HWalign=64, Order=0-3, MinObjects=0, CPUs=2, Nodes=1
[ 0.000000] Hierarchical RCU implementation.
[ 0.000000] RCU dyntick-idle grace-period acceleration is enabled.
[ 0.000000] RCU restricting CPUs from NR_CPUS=256 to nr_cpu_ids=2.
[ 0.000000] Offload RCU callbacks from all CPUs
[ 0.000000] Offload RCU callbacks from CPUs: 0-1.
[ 0.000000] NR_IRQS:16640 nr_irqs:512 16
[ 0.000000] spurious 8259A interrupt: IRQ7.
[ 0.000000] Console: colour dummy device 80x25
[ 0.000000] console [tty0] enabled
[ 0.000000] allocated 15204352 bytes of page_cgroup
[ 0.000000] please try 'cgroup_disable=memory' option if you don't want
memory cgroups
[ 0.000000] hpet clockevent registered
[ 0.000000] tsc: Fast TSC calibration using PIT

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[ 0.004000] tsc: Detected 1646.640 MHz processor
[ 0.000005] Calibrating delay loop (skipped), value calculated using timer
frequency.. 3293.28 BogoMIPS (lpj=6586560)
[ 0.000011] pid_max: default: 32768 minimum: 301
[ 0.000071] Security Framework initialized
[ 0.000106] AppArmor: AppArmor initialized
[ 0.000109] Yama: becoming mindful.
[ 0.000714] Dentry cache hash table entries: 524288 (order: 10, 4194304
bytes)
[ 0.003193] Inode-cache hash table entries: 262144 (order: 9, 2097152 bytes)
[ 0.004381] Mount-cache hash table entries: 8192 (order: 4, 65536 bytes)
[ 0.004403] Mountpoint-cache hash table entries: 8192 (order: 4, 65536 bytes)
[ 0.004844] Initializing cgroup subsys memory
[ 0.004859] Initializing cgroup subsys devices
[ 0.004862] Initializing cgroup subsys freezer
[ 0.004866] Initializing cgroup subsys blkio
[ 0.004869] Initializing cgroup subsys perf_event
[ 0.004874] Initializing cgroup subsys hugetlb
[ 0.004917] tseg: 00c7c00000
[ 0.004921] CPU: Physical Processor ID: 0
[ 0.004924] CPU: Processor Core ID: 0
[ 0.004928] mce: CPU supports 6 MCE banks
[ 0.004944] Last level iTLB entries: 4KB 512, 2MB 8, 4MB 4
[ 0.004944] Last level dTLB entries: 4KB 512, 2MB 8, 4MB 4
[ 0.004944] tlb_flushall_shift: 5
[ 0.005152] Freeing SMP alternatives memory: 32K(ffffffff81e6e000 -
ffffffff81e76000)
[ 0.007819] ACPI: Core revision 20131115
[ 0.019790] ACPI: All ACPI Tables successfully acquired
[ 0.026055] ftrace: allocating 28541 entries in 112 pages
[ 0.345859] ..TIMER: vector=0x30 apic1=0 pin1=2 apic2=-1 pin2=-1
[ 0.385563] smpboot: CPU0: AMD E-450 APU with Radeon(tm) HD Graphics (fam:
14, model: 02, stepping: 00)
[ 0.491417] Performance Events: AMD PMU driver.
[ 0.491426] ... version: 0
[ 0.491429] ... bit width: 48
[ 0.491431] ... generic registers: 4
[ 0.491434] ... value mask: 0000ffffffffffff
[ 0.491437] ... max period: 00007fffffffffff
[ 0.491439] ... fixed-purpose events: 0
[ 0.491441] ... event mask: 000000000000000f
[ 0.494840] NMI watchdog: enabled on all CPUs, permanently consumes one hw-
PMU counter.
[ 0.495041] x86: Booting SMP configuration:
[ 0.495046] .... node #0, CPUs: #1
[ 0.508228] x86: Booted up 1 node, 2 CPUs
[ 0.508234] smpboot: Total of 2 processors activated (6586.56 BogoMIPS)
[ 0.509121] devtmpfs: initialized
[ 0.517107] EVM: security.selinux
[ 0.517111] EVM: security.SMACK64
[ 0.517114] EVM: security.ima
[ 0.517116] EVM: security.capability
[ 0.517222] PM: Registering ACPI NVS region [mem 0xc70fa000-0xc7179fff]
(524288 bytes)
[ 0.519154] pinctrl core: initialized pinctrl subsystem
[ 0.519321] regulator-dummy: no parameters
[ 0.519364] RTC time: 12:09:14, date: 11/22/14
[ 0.519481] NET: Registered protocol family 16
[ 0.519728] cpuidle: using governor ladder
[ 0.519732] cpuidle: using governor menu
[ 0.519952] ACPI: bus type PCI registered
[ 0.519957] acpiphp: ACPI Hot Plug PCI Controller Driver version: 0.5
[ 0.520131] PCI: MMCONFIG for domain 0000 [bus 00-1f] at [mem 0xf8000000-
0xf9ffffff] (base 0xf8000000)
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[ 0.520136] PCI: not using MMCONFIG
[ 0.520139] PCI: Using configuration type 1 for base access
[ 0.520142] PCI: Using configuration type 1 for extended access
[ 0.520405] mtrr: your CPUs had inconsistent variable MTRR settings
[ 0.520408] mtrr: probably your BIOS does not setup all CPUs.
[ 0.520410] mtrr: corrected configuration.
[ 0.522184] bio: create slab <bio-0> at 0
[ 0.522824] ACPI: Added _OSI(Module Device)
[ 0.522833] ACPI: Added _OSI(Processor Device)
[ 0.522836] ACPI: Added _OSI(3.0 _SCP Extensions)
[ 0.522839] ACPI: Added _OSI(Processor Aggregator Device)
[ 0.536127] [Firmware Bug]: ACPI: BIOS _OSI(Linux) query ignored
[ 0.543741] ACPI: Interpreter enabled
[ 0.543761] ACPI Exception: AE_NOT_FOUND, While evaluating Sleep State
[\_S1_] (20131115/hwxface-580)
[ 0.543769] ACPI Exception: AE_NOT_FOUND, While evaluating Sleep State
[\_S2_] (20131115/hwxface-580)
[ 0.543799] ACPI: (supports S0 S3 S4 S5)
[ 0.543803] ACPI: Using IOAPIC for interrupt routing
[ 0.544090] PCI: MMCONFIG for domain 0000 [bus 00-1f] at [mem 0xf8000000-0xf9ffffff] (base 0xf8000000)
[ 0.544582] PCI: MMCONFIG at [mem 0xf8000000-0xf9ffffff] reserved in ACPI motherboard resources
[ 0.546900] PCI: Using host bridge windows from ACPI; if necessary, use "pci=nocrs" and report a bug
[ 0.547176] ACPI: No dock devices found.
[ 0.548077] [Firmware Bug]: ACPI: No _BQC method, cannot determine initial brightness
[ 0.548104] [Firmware Bug]: ACPI: No _BQC method, cannot determine initial brightness
[ 0.559277] [Firmware Bug]: ACPI: No _BQC method, cannot determine initial brightness
[ 0.559319] [Firmware Bug]: ACPI: No _BQC method, cannot determine initial brightness
[ 0.564913] ACPI: PCI Root Bridge [PCI0] (domain 0000 [bus 00-ff])
[ 0.564929] acpi PNP0A08:00: _OSC: OS supports [ExtendedConfig ASPM ClockPM Segments MSI]
[ 0.565518] acpi PNP0A08:00: _OSC: OS now controls [PCIeHotplug PME AER PCIeCapability]
[ 0.567221] acpi PNP0A08:00: ignoring host bridge window [mem 0x000ce000-0x000cffff] (conflicts with Video ROM [mem 0x000c0000-0x000ce5ff])
[ 0.567233] acpi PNP0A08:00: [Firmware Info]: MMCONFIG for domain 0000 [bus 00-1f] only partially covers this bridge
[ 0.567598] PCI host bridge to bus 0000:00
[ 0.567604] pci_bus 0000:00: root bus resource [bus 00-ff]
[ 0.567609] pci_bus 0000:00: root bus resource [mem 0x000a0000-0x000bffff]
[ 0.567613] pci_bus 0000:00: root bus resource [mem 0x000c0000-0x000c1fff]
[ 0.567617] pci_bus 0000:00: root bus resource [mem 0x000c2000-0x000c3fff]
[ 0.567621] pci_bus 0000:00: root bus resource [mem 0x000c4000-0x000c5fff]
[ 0.567625] pci_bus 0000:00: root bus resource [mem 0x000c6000-0x000c7fff]
[ 0.567629] pci_bus 0000:00: root bus resource [mem 0x000c8000-0x000c9fff]
[ 0.567632] pci_bus 0000:00: root bus resource [mem 0x000ca000-0x000cbfff]
[ 0.567636] pci_bus 0000:00: root bus resource [mem 0x000cc000-0x000cdfff]
[ 0.567640] pci_bus 0000:00: root bus resource [mem 0x000d0000-0x000d1fff]
[ 0.567644] pci_bus 0000:00: root bus resource [mem 0x000d2000-0x000d3fff]
[ 0.567647] pci_bus 0000:00: root bus resource [mem 0x000d4000-0x000d5fff]
[ 0.567651] pci_bus 0000:00: root bus resource [mem 0x000d6000-0x000d7fff]
[ 0.567655] pci_bus 0000:00: root bus resource [mem 0x000d8000-0x000d9fff]
[ 0.567659] pci_bus 0000:00: root bus resource [mem 0x000da000-0x000dbfff]
[ 0.567662] pci_bus 0000:00: root bus resource [mem 0x000dc000-0x000ddfff]
[ 0.567666] pci_bus 0000:00: root bus resource [mem 0x000de000-0x000dfffe]
[ 0.567670] pci_bus 0000:00: root bus resource [mem 0x000e0000-0x000e1fff]
[ 0.567674] pci_bus 0000:00: root bus resource [mem 0x000e2000-0x000e3fff]
[ 0.567678] pci_bus 0000:00: root bus resource [mem 0x000e4000-0x000e5fff]
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[ 0.567681] pci_bus 0000:00: root bus resource [mem 0x000e6000-0x000e7fff]
[ 0.567685] pci_bus 0000:00: root bus resource [mem 0x000e8000-0x000e9fff]
[ 0.567689] pci_bus 0000:00: root bus resource [mem 0x000ea000-0x000ebfff]
[ 0.567693] pci_bus 0000:00: root bus resource [mem 0x000ec000-0x000edfff]
[ 0.567696] pci_bus 0000:00: root bus resource [mem 0x000ee000-0x000effff]
[ 0.567700] pci_bus 0000:00: root bus resource [mem 0xe0000000-0xf7ffffff]
[ 0.567704] pci_bus 0000:00: root bus resource [mem 0xf8000000-0xffffffff]
[ 0.567708] pci_bus 0000:00: root bus resource [io 0x0000-0x0cf7]
[ 0.567712] pci_bus 0000:00: root bus resource [io 0x0d00-0xffff]
[ 0.567727] pci 0000:00:00.0: [1022:1510] type 00 class 0x060000
[ 0.567885] pci 0000:00:01.0: [1002:9806] type 00 class 0x030000
[ 0.567902] pci 0000:00:01.0: reg 0x10: [mem 0xe0000000-0xffffffff pref]
[ 0.567913] pci 0000:00:01.0: reg 0x14: [io 0x4000-0x40ff]
[ 0.567924] pci 0000:00:01.0: reg 0x18: [mem 0xf0300000-0xf033ffff]
[ 0.567986] pci 0000:00:01.0: supports D1 D2
[ 0.568113] pci 0000:00:01.1: [1002:1314] type 00 class 0x040300
[ 0.568128] pci 0000:00:01.1: reg 0x10: [mem 0xf0344000-0xf0347fff]
[ 0.568201] pci 0000:00:01.1: supports D1 D2
[ 0.568352] pci 0000:00:05.0: [1022:1513] type 01 class 0x060400
[ 0.568432] pci 0000:00:05.0: PME# supported from D0 D3hot D3cold
[ 0.568520] pci 0000:00:05.0: System wakeup disabled by ACPI
[ 0.568580] pci 0000:00:06.0: [1022:1514] type 01 class 0x060400
[ 0.568658] pci 0000:00:06.0: PME# supported from D0 D3hot D3cold
[ 0.568743] pci 0000:00:06.0: System wakeup disabled by ACPI
[ 0.568805] pci 0000:00:07.0: [1022:1515] type 01 class 0x060400
[ 0.568883] pci 0000:00:07.0: PME# supported from D0 D3hot D3cold
[ 0.568970] pci 0000:00:07.0: System wakeup disabled by ACPI
[ 0.569092] pci 0000:00:11.0: [1002:4391] type 00 class 0x010601
[ 0.569120] pci 0000:00:11.0: reg 0x10: [io 0x4118-0x411f]
[ 0.569134] pci 0000:00:11.0: reg 0x14: [io 0x4124-0x4127]
[ 0.569148] pci 0000:00:11.0: reg 0x18: [io 0x4110-0x4117]
[ 0.569162] pci 0000:00:11.0: reg 0x1c: [io 0x4120-0x4123]
[ 0.569176] pci 0000:00:11.0: reg 0x20: [io 0x4100-0x410f]
[ 0.569191] pci 0000:00:11.0: reg 0x24: [mem 0xf034a000-0xf034a3ff]
[ 0.569415] pci 0000:00:12.0: [1002:4397] type 00 class 0x0c0310
[ 0.569436] pci 0000:00:12.0: reg 0x10: [mem 0xf0349000-0xf0349fff]
[ 0.569605] pci 0000:00:12.0: System wakeup disabled by ACPI
[ 0.569719] pci 0000:00:12.2: [1002:4396] type 00 class 0x0c0320
[ 0.569747] pci 0000:00:12.2: reg 0x10: [mem 0xf034a500-0xf034a5ff]
[ 0.569857] pci 0000:00:12.2: supports D1 D2
[ 0.569861] pci 0000:00:12.2: PME# supported from D0 D1 D2 D3hot
[ 0.569963] pci 0000:00:12.2: System wakeup disabled by ACPI
[ 0.570074] pci 0000:00:13.0: [1002:4397] type 00 class 0x0c0310
[ 0.570095] pci 0000:00:13.0: reg 0x10: [mem 0xf0348000-0xf0348fff]
[ 0.570259] pci 0000:00:13.0: System wakeup disabled by ACPI
[ 0.570352] pci 0000:00:13.2: [1002:4396] type 00 class 0x0c0320
[ 0.570380] pci 0000:00:13.2: reg 0x10: [mem 0xf034a400-0xf034a4ff]
[ 0.570489] pci 0000:00:13.2: supports D1 D2
[ 0.570493] pci 0000:00:13.2: PME# supported from D0 D1 D2 D3hot
[ 0.570678] pci 0000:00:14.0: [1002:4385] type 00 class 0x0c0500
[ 0.570910] pci 0000:00:14.2: [1002:4383] type 00 class 0x040300
[ 0.570941] pci 0000:00:14.2: reg 0x10: [mem 0xf0340000-0xf0343fff 64bit]
[ 0.571030] pci 0000:00:14.2: PME# supported from D0 D3hot D3cold
[ 0.571110] pci 0000:00:14.2: System wakeup disabled by ACPI
[ 0.571211] pci 0000:00:14.3: [1002:439d] type 00 class 0x060100
[ 0.571457] pci 0000:00:14.4: [1002:4384] type 01 class 0x060401
[ 0.571576] pci 0000:00:14.4: System wakeup disabled by ACPI
[ 0.571686] pci 0000:00:18.0: [1022:1700] type 00 class 0x060000
[ 0.571835] pci 0000:00:18.1: [1022:1701] type 00 class 0x060000
[ 0.571974] pci 0000:00:18.2: [1022:1702] type 00 class 0x060000
[ 0.572126] pci 0000:00:18.3: [1022:1703] type 00 class 0x060000
[ 0.572293] pci 0000:00:18.4: [1022:1704] type 00 class 0x060000
[ 0.572430] pci 0000:00:18.5: [1022:1718] type 00 class 0x060000
[ 0.572566] pci 0000:00:18.6: [1022:1716] type 00 class 0x060000
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[ 0.572702] pci 0000:00:18.7: [1022:1719] type 00 class 0x060000
[ 0.573011] pci 0000:01:00.0: [10ec:8176] type 00 class 0x028000
[ 0.573034] pci 0000:01:00.0: reg 0x10: [io 0x3000-0x30ff]
[ 0.573070] pci 0000:01:00.0: reg 0x18: [mem 0xf0200000-0xf0203fff 64bit]
[ 0.573172] pci 0000:01:00.0: supports D1 D2
[ 0.573176] pci 0000:01:00.0: PME# supported from D0 D1 D2 D3hot D3cold
[ 0.580507] pci 0000:00:05.0: PCI bridge to [bus 01]
[ 0.580533] pci 0000:00:05.0: bridge window [io 0x3000-0x3fff]
[ 0.580546] pci 0000:00:05.0: bridge window [mem 0xf0200000-0xf02fffff]
[ 0.580741] pci 0000:02:00.0: [1969:1083] type 00 class 0x020000
[ 0.580774] pci 0000:02:00.0: reg 0x10: [mem 0xf0100000-0xf013ffff 64bit]
[ 0.580790] pci 0000:02:00.0: reg 0x18: [io 0x2000-0x207f]
[ 0.580905] pci 0000:02:00.0: PME# supported from D0 D1 D2 D3hot D3cold
[ 0.588507] pci 0000:00:06.0: PCI bridge to [bus 02]
[ 0.588534] pci 0000:00:06.0: bridge window [io 0x2000-0x2fff]
[ 0.588547] pci 0000:00:06.0: bridge window [mem 0xf0100000-0xf01fffff]
[ 0.588718] pci 0000:03:00.0: [10ec:5209] type 00 class 0xff0000
[ 0.588744] pci 0000:03:00.0: reg 0x10: [mem 0xf0000000-0xf0000fff]
[ 0.588815] pci 0000:03:00.0: reg 0x30: [mem 0xffff0000-0xffffffff pref]
[ 0.588882] pci 0000:03:00.0: supports D1 D2
[ 0.588886] pci 0000:03:00.0: PME# supported from D1 D2 D3hot
[ 0.596514] pci 0000:00:07.0: PCI bridge to [bus 03]
[ 0.596543] pci 0000:00:07.0: bridge window [mem 0xf0000000-0xf00fffff]
[ 0.596764] pci 0000:00:14.4: PCI bridge to [bus 04] (subtractive decode)
[ 0.596779] pci 0000:00:14.4: bridge window [mem 0x000a0000-0x000bffff]
(subtractive decode)
[ 0.596783] pci 0000:00:14.4: bridge window [mem 0x000c0000-0x000c1fff]
(subtractive decode)
[ 0.596787] pci 0000:00:14.4: bridge window [mem 0x000c2000-0x000c3fff]
(subtractive decode)
[ 0.596791] pci 0000:00:14.4: bridge window [mem 0x000c4000-0x000c5fff]
(subtractive decode)
[ 0.596795] pci 0000:00:14.4: bridge window [mem 0x000c6000-0x000c7fff]
(subtractive decode)
[ 0.596799] pci 0000:00:14.4: bridge window [mem 0x000c8000-0x000c9fff]
(subtractive decode)
[ 0.596815] pci 0000:00:14.4: bridge window [mem 0x000ca000-0x000cbfff]
(subtractive decode)
[ 0.596819] pci 0000:00:14.4: bridge window [mem 0x000cc000-0x000cdfff]
(subtractive decode)
[ 0.596823] pci 0000:00:14.4: bridge window [mem 0x000d0000-0x000d1fff]
(subtractive decode)
[ 0.596826] pci 0000:00:14.4: bridge window [mem 0x000d2000-0x000d3fff]
(subtractive decode)
[ 0.596830] pci 0000:00:14.4: bridge window [mem 0x000d4000-0x000d5fff]
(subtractive decode)
[ 0.596834] pci 0000:00:14.4: bridge window [mem 0x000d6000-0x000d7fff]
(subtractive decode)
[ 0.596838] pci 0000:00:14.4: bridge window [mem 0x000d8000-0x000d9fff]
(subtractive decode)
[ 0.596841] pci 0000:00:14.4: bridge window [mem 0x000da000-0x000dbfff]
(subtractive decode)
[ 0.596845] pci 0000:00:14.4: bridge window [mem 0x000dc000-0x000ddfff]
(subtractive decode)
[ 0.596849] pci 0000:00:14.4: bridge window [mem 0x000de000-0x000dffff]
(subtractive decode)
[ 0.596853] pci 0000:00:14.4: bridge window [mem 0x000e0000-0x000e1fff]
(subtractive decode)
[ 0.596857] pci 0000:00:14.4: bridge window [mem 0x000e2000-0x000e3fff]
(subtractive decode)
[ 0.596861] pci 0000:00:14.4: bridge window [mem 0x000e4000-0x000e5fff]
(subtractive decode)
[ 0.596864] pci 0000:00:14.4: bridge window [mem 0x000e6000-0x000e7fff]
(subtractive decode)
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[ 0.596868] pci 0000:00:14.4: bridge window [mem 0x000e8000-0x000e9fff]
(subtractive decode)
[ 0.596872] pci 0000:00:14.4: bridge window [mem 0x000ea000-0x000ebfff]
(subtractive decode)
[ 0.596876] pci 0000:00:14.4: bridge window [mem 0x000ec000-0x000edfff]
(subtractive decode)
[ 0.596879] pci 0000:00:14.4: bridge window [mem 0x000ee000-0x000effff]
(subtractive decode)
[ 0.596883] pci 0000:00:14.4: bridge window [mem 0xe0000000-0xf7ffffff]
(subtractive decode)
[ 0.596887] pci 0000:00:14.4: bridge window [mem 0xf8000000-0xffffffff]
(subtractive decode)
[ 0.596891] pci 0000:00:14.4: bridge window [io 0x0000-0x0cf7]
(subtractive decode)
[ 0.596895] pci 0000:00:14.4: bridge window [io 0x0d00-0xffff]
(subtractive decode)
[ 0.597976] ACPI: PCI Interrupt Link [LNKA] (IRQs 10 11) *0
[ 0.598148] ACPI: PCI Interrupt Link [LNKB] (IRQs 10 11) *0
[ 0.598329] ACPI: PCI Interrupt Link [LNKC] (IRQs 10 11) *0
[ 0.598497] ACPI: PCI Interrupt Link [LNKD] (IRQs 10 11) *0
[ 0.598607] ACPI: PCI Interrupt Link [LNKE] (IRQs 10 11) *0
[ 0.598697] ACPI: PCI Interrupt Link [LNKF] (IRQs 10 11) *0
[ 0.598787] ACPI: PCI Interrupt Link [LNKG] (IRQs 10 11) *0
[ 0.598877] ACPI: PCI Interrupt Link [LNKH] (IRQs 10 11) *0
[ 0.600638] ACPI: Enabled 2 GPEs in block 00 to 1F
[ 0.600660] ACPI: \_SB_.PCI0: notify handler is installed
[ 0.600766] Found 1 acpi root devices
[ 0.600908] ACPI : EC: GPE = 0x3, I/O: command/status = 0x66, data = 0x62
[ 0.601336] vgaarb: device added:
PCI:0000:00:01.0, decodes=io+mem, owns=io+mem, locks=none
[ 0.601353] vgaarb: loaded
[ 0.601355] vgaarb: bridge control possible 0000:00:01.0
[ 0.601737] SCSI subsystem initialized
[ 0.601901] libata version 3.00 loaded.
[ 0.601954] ACPI: bus type USB registered
[ 0.601989] usbcore: registered new interface driver usbfs
[ 0.602005] usbcore: registered new interface driver hub
[ 0.602281] usbcore: registered new device driver usb
[ 0.602584] PCI: Using ACPI for IRQ routing
[ 0.603775] PCI: pci_cache_line_size set to 64 bytes
[ 0.603949] e820: reserve RAM buffer [mem 0x0009d800-0x0009ffff]
[ 0.603954] e820: reserve RAM buffer [mem 0xc6cea000-0xc7ffffff]
[ 0.603957] e820: reserve RAM buffer [mem 0xc7c00000-0xc7ffffff]
[ 0.603960] e820: reserve RAM buffer [mem 0x11f000000-0x11fffffff]
[ 0.604149] NetLabel: Initializing
[ 0.604153] NetLabel: domain hash size = 128
[ 0.604155] NetLabel: protocols = UNLABELED CIPSOv4
[ 0.604181] NetLabel: unlabeled traffic allowed by default
[ 0.604473] hpet0: at MMIO 0xfed00000, IRQs 2, 8, 0
[ 0.604485] hpet0: 3 comparators, 32-bit 14.318180 MHz counter
[ 0.606588] Switched to clocksource hpet
[ 0.616633] AppArmor: AppArmor Filesystem Enabled
[ 0.616701] pnp: PnP ACPI init
[ 0.616730] ACPI: bus type PNP registered
[ 0.617001] system 00:00: [io 0x0f50-0x0f51] has been reserved
[ 0.617009] system 00:00: [mem 0xfec00000-0xfec00fff] could not be reserved
[ 0.617014] system 00:00: [mem 0xfef00000-0xfef00fff] has been reserved
[ 0.617019] system 00:00: [mem 0xf8000000-0xf9ffffff] has been reserved
[ 0.617027] system 00:00: Plug and Play ACPI device, IDs PNP0c02 (active)
[ 0.617724] pnp 00:01: [dma 4]
[ 0.617767] pnp 00:01: Plug and Play ACPI device, IDs PNP0200 (active)
[ 0.617885] pnp 00:02: Plug and Play ACPI device, IDs PNP0c04 (active)
[ 0.617990] pnp 00:03: Plug and Play ACPI device, IDs PNP0b00 (active)
[ 0.618045] pnp 00:04: Plug and Play ACPI device, IDs PNP0800 (active)

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[ 0.618150] pnp 00:05: Plug and Play ACPI device, IDs PNP0303 (active)
[ 0.618273] pnp 00:06: Plug and Play ACPI device, IDs LEN0026 PNP0f13
(active)
[ 0.618390] system 00:07: [io 0x04d0-0x04d1] has been reserved
[ 0.618395] system 00:07: [io 0x0530-0x0537] has been reserved
[ 0.618404] system 00:07: [io 0x0800-0x0827] could not be reserved
[ 0.618408] system 00:07: [io 0x0830] has been reserved
[ 0.618413] system 00:07: [io 0x0840-0x0847] has been reserved
[ 0.618417] system 00:07: [io 0x0b00-0x0b1f] has been reserved
[ 0.618422] system 00:07: [io 0x0b20-0x0b3f] has been reserved
[ 0.618426] system 00:07: [io 0x0c00-0x0c01] has been reserved
[ 0.618430] system 00:07: [io 0x0c14] has been reserved
[ 0.618435] system 00:07: [io 0x0c50-0x0c52] has been reserved
[ 0.618439] system 00:07: [io 0x0cd0-0x0cd1] has been reserved
[ 0.618443] system 00:07: [io 0x0cd2-0x0cd3] has been reserved
[ 0.618448] system 00:07: [io 0x0cd4-0x0cd5] has been reserved
[ 0.618452] system 00:07: [io 0x0cd6-0x0cd7] has been reserved
[ 0.618456] system 00:07: [io 0x0cd8-0x0cdf] has been reserved
[ 0.618461] system 00:07: [io 0x0cf9] could not be reserved
[ 0.618466] system 00:07: [io 0x8100-0x81ff window] has been reserved
[ 0.618470] system 00:07: [io 0x8200-0x82ff window] has been reserved
[ 0.618476] system 00:07: Plug and Play ACPI device, IDs PNP0c02 (active)
[ 0.618750] system 00:08: [mem 0x000e0000-0x000fffff] could not be reserved
[ 0.618756] system 00:08: [mem 0xffe00000-0xffffffff] has been reserved
[ 0.618761] system 00:08: [mem 0xfec10000-0xfec1001f] has been reserved
[ 0.618766] system 00:08: [mem 0xfed00000-0xfed003ff] has been reserved
[ 0.618770] system 00:08: [mem 0xfed61000-0xfed613ff] has been reserved
[ 0.618774] system 00:08: [mem 0xfed80000-0xfed80fff] has been reserved
[ 0.618781] system 00:08: Plug and Play ACPI device, IDs PNP0c01 (active)
[ 0.619454] pnp: PnP ACPI: found 9 devices
[ 0.619463] ACPI: bus type PNP unregistered
[ 0.630155] pci 0000:03:00.0: no compatible bridge window for [mem
0xffff0000-0xffffffff pref]
[ 0.630201] pci 0000:00:07.0: bridge window [io 0x1000-0x0fff] to [bus 03]
add_size 1000
[ 0.630208] pci 0000:00:07.0: bridge window [mem 0x00100000-0x001fffff pref]
to [bus 03] add_size 200000
[ 0.630257] pci 0000:00:07.0: res[15]=[mem 0x00100000-0x001fffff pref]
get_res_add_size add_size 200000
[ 0.630262] pci 0000:00:07.0: res[13]=[io 0x1000-0x0fff] get_res_add_size
add_size 1000
[ 0.630278] pci 0000:00:07.0: BAR 15: assigned [mem 0xf0400000-0xf06fffff
pref]
[ 0.630287] pci 0000:00:07.0: BAR 13: assigned [io 0x1000-0x1fff]
[ 0.630293] pci 0000:00:05.0: PCI bridge to [bus 01]
[ 0.630299] pci 0000:00:05.0: bridge window [io 0x3000-0x3fff]
[ 0.630306] pci 0000:00:05.0: bridge window [mem 0xf0200000-0xf02fffff]
[ 0.630317] pci 0000:00:06.0: PCI bridge to [bus 02]
[ 0.630322] pci 0000:00:06.0: bridge window [io 0x2000-0x2fff]
[ 0.630328] pci 0000:00:06.0: bridge window [mem 0xf0100000-0xf01fffff]
[ 0.630339] pci 0000:03:00.0: BAR 6: assigned [mem 0xf0400000-0xf040ffff
pref]
[ 0.630344] pci 0000:00:07.0: PCI bridge to [bus 03]
[ 0.630349] pci 0000:00:07.0: bridge window [io 0x1000-0x1fff]
[ 0.630356] pci 0000:00:07.0: bridge window [mem 0xf0000000-0xf00fffff]
[ 0.630361] pci 0000:00:07.0: bridge window [mem 0xf0400000-0xf06fffff
pref]
[ 0.630369] pci 0000:00:14.4: PCI bridge to [bus 04]
[ 0.630388] pci_bus 0000:00: resource 4 [mem 0x000a0000-0x000bffff]
[ 0.630392] pci_bus 0000:00: resource 5 [mem 0x000c0000-0x000c1fff]
[ 0.630396] pci_bus 0000:00: resource 6 [mem 0x000c2000-0x000c3fff]
[ 0.630400] pci_bus 0000:00: resource 7 [mem 0x000c4000-0x000c5fff]
[ 0.630404] pci_bus 0000:00: resource 8 [mem 0x000c6000-0x000c7fff]
[ 0.630408] pci_bus 0000:00: resource 9 [mem 0x000c8000-0x000c9fff]
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[ 0.630412] pci_bus 0000:00: resource 10 [mem 0x000ca000-0x000cbfff]
[ 0.630416] pci_bus 0000:00: resource 11 [mem 0x000cc000-0x000cdfff]
[ 0.630420] pci_bus 0000:00: resource 12 [mem 0x000d0000-0x000d1fff]
[ 0.630424] pci_bus 0000:00: resource 13 [mem 0x000d2000-0x000d3fff]
[ 0.630428] pci_bus 0000:00: resource 14 [mem 0x000d4000-0x000d5fff]
[ 0.630432] pci_bus 0000:00: resource 15 [mem 0x000d6000-0x000d7fff]
[ 0.630436] pci_bus 0000:00: resource 16 [mem 0x000d8000-0x000d9fff]
[ 0.630440] pci_bus 0000:00: resource 17 [mem 0x000da000-0x000dbfff]
[ 0.630444] pci_bus 0000:00: resource 18 [mem 0x000dc000-0x000ddfff]
[ 0.630448] pci_bus 0000:00: resource 19 [mem 0x000de000-0x000dffff]
[ 0.630452] pci_bus 0000:00: resource 20 [mem 0x000e0000-0x000e1fff]
[ 0.630456] pci_bus 0000:00: resource 21 [mem 0x000e2000-0x000e3fff]
[ 0.630460] pci_bus 0000:00: resource 22 [mem 0x000e4000-0x000e5fff]
[ 0.630464] pci_bus 0000:00: resource 23 [mem 0x000e6000-0x000e7fff]
[ 0.630468] pci_bus 0000:00: resource 24 [mem 0x000e8000-0x000e9fff]
[ 0.630472] pci_bus 0000:00: resource 25 [mem 0x000ea000-0x000ebfff]
[ 0.630476] pci_bus 0000:00: resource 26 [mem 0x000ec000-0x000edfff]
[ 0.630480] pci_bus 0000:00: resource 27 [mem 0x000ee000-0x000effff]
[ 0.630484] pci_bus 0000:00: resource 28 [mem 0xe0000000-0xf7ffffff]
[ 0.630488] pci_bus 0000:00: resource 29 [mem 0xf8000000-0xffffffff]
[ 0.630492] pci_bus 0000:00: resource 30 [io 0x0000-0x0cf7]
[ 0.630496] pci_bus 0000:00: resource 31 [io 0xd00-0xffff]
[ 0.630500] pci_bus 0000:01: resource 0 [io 0x3000-0x3fff]
[ 0.630504] pci_bus 0000:01: resource 1 [mem 0xf0200000-0xf02fffff]
[ 0.630509] pci_bus 0000:02: resource 0 [io 0x2000-0x2fff]
[ 0.630513] pci_bus 0000:02: resource 1 [mem 0xf0100000-0xf01fffff]
[ 0.630517] pci_bus 0000:03: resource 0 [io 0x1000-0x1fff]
[ 0.630521] pci_bus 0000:03: resource 1 [mem 0xf0000000-0xf00fffff]
[ 0.630525] pci_bus 0000:03: resource 2 [mem 0xf0400000-0xf06ffffff pref]
[ 0.630530] pci_bus 0000:04: resource 4 [mem 0x000a0000-0x000bffff]
[ 0.630534] pci_bus 0000:04: resource 5 [mem 0x000c0000-0x000c1fff]
[ 0.630538] pci_bus 0000:04: resource 6 [mem 0x000c2000-0x000c3fff]
[ 0.630542] pci_bus 0000:04: resource 7 [mem 0x000c4000-0x000c5fff]
[ 0.630545] pci_bus 0000:04: resource 8 [mem 0x000c6000-0x000c7fff]
[ 0.630549] pci_bus 0000:04: resource 9 [mem 0x000c8000-0x000c9fff]
[ 0.630553] pci_bus 0000:04: resource 10 [mem 0x000ca000-0x000cbfff]
[ 0.630557] pci_bus 0000:04: resource 11 [mem 0x000cc000-0x000cdfff]
[ 0.630561] pci_bus 0000:04: resource 12 [mem 0x000d0000-0x000d1fff]
[ 0.630565] pci_bus 0000:04: resource 13 [mem 0x000d2000-0x000d3fff]
[ 0.630569] pci_bus 0000:04: resource 14 [mem 0x000d4000-0x000d5fff]
[ 0.630573] pci_bus 0000:04: resource 15 [mem 0x000d6000-0x000d7fff]
[ 0.630577] pci_bus 0000:04: resource 16 [mem 0x000d8000-0x000d9fff]
[ 0.630581] pci_bus 0000:04: resource 17 [mem 0x000da000-0x000dbfff]
[ 0.630606] pci_bus 0000:04: resource 18 [mem 0x000dc000-0x000ddfff]
[ 0.630611] pci_bus 0000:04: resource 19 [mem 0x000de000-0x000dffff]
[ 0.630615] pci_bus 0000:04: resource 20 [mem 0x000e0000-0x000e1fff]
[ 0.630618] pci_bus 0000:04: resource 21 [mem 0x000e2000-0x000e3fff]
[ 0.630622] pci_bus 0000:04: resource 22 [mem 0x000e4000-0x000e5fff]
[ 0.630626] pci_bus 0000:04: resource 23 [mem 0x000e6000-0x000e7fff]
[ 0.630630] pci_bus 0000:04: resource 24 [mem 0x000e8000-0x000e9fff]
[ 0.630634] pci_bus 0000:04: resource 25 [mem 0x000ea000-0x000ebfff]
[ 0.630638] pci_bus 0000:04: resource 26 [mem 0x000ec000-0x000edfff]
[ 0.630643] pci_bus 0000:04: resource 27 [mem 0x000ee000-0x000effff]
[ 0.630647] pci_bus 0000:04: resource 28 [mem 0xe0000000-0xf7ffffff]
[ 0.630651] pci_bus 0000:04: resource 29 [mem 0xf8000000-0xffffffff]
[ 0.630655] pci_bus 0000:04: resource 30 [io 0x0000-0x0cf7]
[ 0.630659] pci_bus 0000:04: resource 31 [io 0xd00-0xffff]
[ 0.630721] NET: Registered protocol family 2
[ 0.631127] TCP established hash table entries: 32768 (order: 6, 262144
bytes)
[ 0.631364] TCP bind hash table entries: 32768 (order: 7, 524288 bytes)
[ 0.631619] TCP: Hash tables configured (established 32768 bind 32768)
[ 0.631714] TCP: reno registered
[ 0.631736] UDP hash table entries: 2048 (order: 4, 65536 bytes)

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[ 0.631789] UDP-Lite hash table entries: 2048 (order: 4, 65536 bytes)
[ 0.631977] NET: Registered protocol family 1
[ 0.632011] pci 0000:00:01.0: Boot video device
[ 0.775702] PCI: CLS 32 bytes, default 64
[ 0.775824] Trying to unpack rootfs image as initramfs...
[ 1.371161] Freeing initrd memory: 18732K (ffff880035b5a000 -
ffff880036da5000)
[ 1.371173] PCI-DMA: Using software bounce buffering for IO (SWIOTLB)
[ 1.371179] software IO TLB [mem 0xc2cea000-0xc6cea000] (64MB) mapped at
[ffff8800c2cea000-ffff8800c6ce9fff]
[ 1.371491] LVT offset 0 assigned for vector 0x400
[ 1.371616] perf: AMD IBS detected (0x000000ff)
[ 1.371796] microcode: CPU0: patch_level=0x05000101
[ 1.371810] microcode: CPU1: patch_level=0x05000101
[ 1.372027] microcode: Microcode Update Driver: v2.00
<tigran@aivazian.fsnet.co.uk>, Peter Oruba
[ 1.372037] Scanning for low memory corruption every 60 seconds
[ 1.372520] Initialise system trusted keyring
[ 1.372614] audit: initializing netlink socket (disabled)
[ 1.372635] type=2000 audit(1416658153.968:1): initialized
[ 1.425561] HugeTLB registered 2 MB page size, pre-allocated 0 pages
[ 1.428424] zbud: loaded
[ 1.428835] VFS: Disk quotas dquot_6.5.2
[ 1.428945] Dquot-cache hash table entries: 512 (order 0, 4096 bytes)
[ 1.430090] fuse init (API version 7.22)
[ 1.430401] msgmni has been set to 7095
[ 1.430527] Key type big_key registered
[ 1.431328] Key type asymmetric registered
[ 1.431333] Asymmetric key parser 'x509' registered
[ 1.431410] Block layer SCSI generic (bsg) driver version 0.4 loaded (major
252)
[ 1.431504] io scheduler noop registered
[ 1.431508] io scheduler deadline registered (default)
[ 1.431559] io scheduler cfq registered
[ 1.432054] pcieport 0000:00:05.0: irq 40 for MSI/MSI-X
[ 1.432402] pcieport 0000:00:06.0: irq 41 for MSI/MSI-X
[ 1.432695] pcieport 0000:00:07.0: irq 42 for MSI/MSI-X
[ 1.432847] pcieport 0000:00:05.0: Signaling PME through PCIe PME interrupt
[ 1.432852] pci 0000:01:00.0: Signaling PME through PCIe PME interrupt
[ 1.432859] pcie_pme 0000:00:05.0:pcie01: service driver pcie_pme loaded
[ 1.432886] pcieport 0000:00:06.0: Signaling PME through PCIe PME interrupt
[ 1.432890] pci 0000:02:00.0: Signaling PME through PCIe PME interrupt
[ 1.432896] pcie_pme 0000:00:06.0:pcie01: service driver pcie_pme loaded
[ 1.432923] pcieport 0000:00:07.0: Signaling PME through PCIe PME interrupt
[ 1.432927] pci 0000:03:00.0: Signaling PME through PCIe PME interrupt
[ 1.432933] pcie_pme 0000:00:07.0:pcie01: service driver pcie_pme loaded
[ 1.432976] pci_hotplug: PCI Hot Plug PCI Core version: 0.5
[ 1.433037] pciehp 0000:00:07.0:pcie04: HPC vendor_id 1022 device_id 1515
ss_vid 1022 ss_did 1234
[ 1.433111] pciehp 0000:00:07.0:pcie04: service driver pciehp loaded
[ 1.433120] pciehp: PCI Express Hot Plug Controller Driver version: 0.4
[ 1.433201] vesafb: mode is 1024x768x32, linelength=4096, pages=0
[ 1.433203] vesafb: scrolling: redraw
[ 1.433208] vesafb: Truecolor: size=0:8:8:8, shift=0:16:8:0
[ 1.433469] vesafb: framebuffer at 0xe0000000, mapped to 0xfffffc90002780000,
using 3072k, total 3072k
[ 1.491078] Console: switching to colour frame buffer device 128x48
[ 1.548352] fb0: VESA VGA frame buffer device
[ 1.548540] ipmi message handler version 39.2
[ 1.549161] ACPI: Deprecated procfs I/F for AC is loaded, please retry with
CONFIG_ACPI_PROCFS_POWER cleared
[ 1.549911] ACPI: AC Adapter [ACAD] (off-line)
[ 1.550340] input: Power Button as
/devices/LNXSYSTM:00/device:00/PNP0C0C:00/input/input0

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[ 1.550350] ACPI: Power Button [PWRB]
[ 1.550413] input: Sleep Button as
/devices/LNXSYSTM:00/device:00/PNP0C0E:00/input/input1
[ 1.550418] ACPI: Sleep Button [SLPB]
[ 1.550585] input: Lid Switch as
/devices/LNXSYSTM:00/device:00/PNP0C0D:00/input/input2
[ 1.551994] ACPI: Lid Switch [LID]
[ 1.552070] input: Power Button as
/devices/LNXSYSTM:00/LNXPWRBN:00/input/input3
[ 1.552075] ACPI: Power Button [PWRB]
[ 1.552287] ACPI: acpi_idle registered with cpuidle
[ 1.554294] thermal LNX_THERM:00: registered as thermal_zone0
[ 1.554304] ACPI: Thermal Zone [THZ0] (35 C)
[ 1.554379] GHES: HEST is not enabled!
[ 1.554666] Serial: 8250/16550 driver, 32 ports, IRQ sharing enabled
[ 1.560007] Linux agpgart interface v0.103
[ 1.563997] brd: module loaded
[ 1.566141] loop: module loaded
[ 1.567339] libphy: Fixed MDIO Bus: probed
[ 1.567580] tun: Universal TUN/TAP device driver, 1.6
[ 1.567583] tun: (C) 1999-2004 Max Krasnyansky <maxk@qualcomm.com>
[ 1.567673] PPP generic driver version 2.4.2
[ 1.567808] ehci_hcd: USB 2.0 'Enhanced' Host Controller (EHCI) Driver
[ 1.567846] ehci-pci: EHCI PCI platform driver
[ 1.568228] QUIRK: Enable AMD PLL fix
[ 1.568273] ehci-pci 0000:00:12.2: EHCI Host Controller
[ 1.568289] ehci-pci 0000:00:12.2: new USB bus registered, assigned bus
number 1
[ 1.568299] ehci-pci 0000:00:12.2: applying AMD SB700/SB800/Hudson-2/3 EHCI
dummy qh workaround
[ 1.568362] ehci-pci 0000:00:12.2: debug port 1
[ 1.568440] ehci-pci 0000:00:12.2: irq 17, io mem 0xf034a500
[ 1.578804] ehci-pci 0000:00:12.2: USB 2.0 started, EHCI 1.00
[ 1.578958] usb usb1: New USB device found, idVendor=1d6b, idProduct=0002
[ 1.578963] usb usb1: New USB device strings: Mfr=3, Product=2,
SerialNumber=1
[ 1.578968] usb usb1: Product: EHCI Host Controller
[ 1.578972] usb usb1: Manufacturer: Linux 3.13.0-39-generic ehci_hcd
[ 1.578976] usb usb1: SerialNumber: 0000:00:12.2
[ 1.579217] hub 1-0:1.0: USB hub found
[ 1.579235] hub 1-0:1.0: 5 ports detected
[ 1.579842] ehci-pci 0000:00:13.2: EHCI Host Controller
[ 1.579855] ehci-pci 0000:00:13.2: new USB bus registered, assigned bus
number 2
[ 1.579864] ehci-pci 0000:00:13.2: applying AMD SB700/SB800/Hudson-2/3 EHCI
dummy qh workaround
[ 1.579881] ehci-pci 0000:00:13.2: debug port 1
[ 1.579936] ehci-pci 0000:00:13.2: irq 17, io mem 0xf034a400
[ 1.590820] ehci-pci 0000:00:13.2: USB 2.0 started, EHCI 1.00
[ 1.590948] usb usb2: New USB device found, idVendor=1d6b, idProduct=0002
[ 1.590953] usb usb2: New USB device strings: Mfr=3, Product=2,
SerialNumber=1
[ 1.590958] usb usb2: Product: EHCI Host Controller
[ 1.590962] usb usb2: Manufacturer: Linux 3.13.0-39-generic ehci_hcd
[ 1.590966] usb usb2: SerialNumber: 0000:00:13.2
[ 1.591332] hub 2-0:1.0: USB hub found
[ 1.591354] hub 2-0:1.0: 5 ports detected
[ 1.591734] ehci-platform: EHCI generic platform driver
[ 1.591756] ohci_hcd: USB 1.1 'Open' Host Controller (OHCI) Driver
[ 1.591759] ohci-pci: OHCI PCI platform driver
[ 1.592134] ohci-pci 0000:00:12.0: OHCI PCI host controller
[ 1.592149] ohci-pci 0000:00:12.0: new USB bus registered, assigned bus
number 3
[ 1.592204] ohci-pci 0000:00:12.0: irq 18, io mem 0xf0349000
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[ 1.594604] ACPI: Deprecated procfs I/F for battery is loaded, please retry
with CONFIG_ACPI_PROCFS_POWER cleared
[ 1.594621] ACPI: Battery Slot [BAT1] (battery present)
[ 1.651056] usb usb3: New USB device found, idVendor=1d6b, idProduct=0001
[ 1.651065] usb usb3: New USB device strings: Mfr=3, Product=2,
SerialNumber=1
[ 1.651069] usb usb3: Product: OHCI PCI host controller
[ 1.651074] usb usb3: Manufacturer: Linux 3.13.0-39-generic ohci_hcd
[ 1.651078] usb usb3: SerialNumber: 0000:00:12.0
[ 1.651583] hub 3-0:1.0: USB hub found
[ 1.651654] hub 3-0:1.0: 5 ports detected
[ 1.652260] ohci-pci 0000:00:13.0: OHCI PCI host controller
[ 1.652275] ohci-pci 0000:00:13.0: new USB bus registered, assigned bus
number 4
[ 1.652304] ohci-pci 0000:00:13.0: irq 18, io mem 0xf0348000
[ 1.711069] usb usb4: New USB device found, idVendor=1d6b, idProduct=0001
[ 1.711078] usb usb4: New USB device strings: Mfr=3, Product=2,
SerialNumber=1
[ 1.711083] usb usb4: Product: OHCI PCI host controller
[ 1.711087] usb usb4: Manufacturer: Linux 3.13.0-39-generic ohci_hcd
[ 1.711091] usb usb4: SerialNumber: 0000:00:13.0
[ 1.711571] hub 4-0:1.0: USB hub found
[ 1.711645] hub 4-0:1.0: 5 ports detected
[ 1.711876] ohci-platform: OHCI generic platform driver
[ 1.711897] uhci_hcd: USB Universal Host Controller Interface driver
[ 1.712013] i8042: PNP: PS/2 Controller [PNP0303:KBC0,PNP0f13:MSE0] at
0x60,0x64 irq 1,12
[ 1.715632] i8042: Detected active multiplexing controller, rev 1.1
[ 1.717025] serio: i8042 KBD port at 0x60,0x64 irq 1
[ 1.717037] serio: i8042 AUX0 port at 0x60,0x64 irq 12
[ 1.717081] serio: i8042 AUX1 port at 0x60,0x64 irq 12
[ 1.717128] serio: i8042 AUX2 port at 0x60,0x64 irq 12
[ 1.717165] serio: i8042 AUX3 port at 0x60,0x64 irq 12
[ 1.717877] mousedev: PS/2 mouse device common for all mice
[ 1.719139] rtc_cmos 00:03: RTC can wake from S4
[ 1.719312] rtc_cmos 00:03: rtc core: registered rtc_cmos as rtc0
[ 1.719405] rtc_cmos 00:03: alarms up to one month, 114 bytes nvram, hpet
irqs
[ 1.719553] device-mapper: uevent: version 1.0.3
[ 1.719818] device-mapper: ioctl: 4.27.0-ioctl (2013-10-30) initialised: dm-
devel@redhat.com
[ 1.719839] ledtrig-cpu: registered to indicate activity on CPUs
[ 1.720054] TCP: cubic registered
[ 1.720246] NET: Registered protocol family 10
[ 1.720577] NET: Registered protocol family 17
[ 1.720596] Key type dns_resolver registered
[ 1.721366] Loading compiled-in X.509 certificates
[ 1.723756] Loaded X.509 cert 'Magrathea: Glacier signing key:
e3c165d0891e3ceeb6dd5c18c7e1993cd24956b0'
[ 1.723782] registered taskstats version 1
[ 1.729319] Key type trusted registered
[ 1.734376] Key type encrypted registered
[ 1.739315] AppArmor: AppArmor sha1 policy hashing enabled
[ 1.739324] IMA: No TPM chip found, activating TPM-bypass!
[ 1.739824] regulator-dummy: disabling
[ 1.739952] Magic number: 6:572:178
[ 1.740048] acpi device:0e: hash matches
[ 1.740068] platform: hash matches
[ 1.740113] rtc_cmos 00:03: setting system clock to 2014-11-22 12:09:15 UTC
(1416658155)
[ 1.740311] acpi-cpufreq: overriding BIOS provided _PSD data
[ 1.740478] BIOS EDD facility v0.16 2004-Jun-25, 0 devices found
[ 1.740480] EDD information not available.
[ 1.740546] PM: Hibernation image not present or could not be loaded.
```

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[ 1.743435] Freeing unused kernel memory: 1336K (ffffffffff81d20000 -
ffffffffff81e6e000)
[ 1.743445] Write protecting the kernel read-only data: 12288k
[ 1.748617] Freeing unused kernel memory: 804K (ffff880001737000 -
ffff880001800000)
[ 1.752868] Freeing unused kernel memory: 692K (ffff880001b53000 -
ffff880001c00000)
[ 1.760232] input: AT Translated Set 2 keyboard as
/devices/platform/i8042/serio0/input/input4
[ 1.788216] systemd-udevd[98]: starting version 204
[ 1.885786] rtsx_pci 0000:03:00.0: irq 43 for MSI/MSI-X
[ 1.885811] rtsx_pci 0000:03:00.0: rtsx_pci_acquire_irq: pcr->msi_en = 1,
pci->irq = 43
[ 1.889462] ahci 0000:00:11.0: version 3.0
[ 1.892083] ahci 0000:00:11.0: AHCI 0001.0200 32 slots 1 ports 3 Gbps 0x1
impl SATA mode
[ 1.892095] ahci 0000:00:11.0: flags: 64bit ncq sntf ilck pm led clo pmp pio
slum part
[ 1.899118] scsi0 : ahci
[ 1.899324] ata1: SATA max UDMA/133 abar m1024@0xf034a000 port 0xf034a100 irq
19
[ 1.924323] atl1c 0000:02:00.0: version 1.0.1.1-NAPI
[ 2.371048] tsc: Refined TSC clocksource calibration: 1646.493 MHz
[ 2.391069] ata1: SATA link up 3.0 Gbps (SStatus 123 SControl 300)
[ 2.411219] usb 2-5: new high-speed USB device number 2 using ehci-pci
[ 2.413266] ata1.00: ATA-8: ST320LT007-9ZV142, 0004LVM1, max UDMA/133
[ 2.413282] ata1.00: 625142448 sectors, multi 16: LBA48 NCQ (depth 31/32)
[ 2.416788] ata1.00: configured for UDMA/133
[ 2.417397] scsi 0:0:0:0: Direct-Access ATA ST320LT007-9ZV14 0004
PQ: 0 ANSI: 5
[ 2.417803] sd 0:0:0:0: [sda] 625142448 512-byte logical blocks: (320 GB/298
GiB)
[ 2.417808] sd 0:0:0:0: [sda] 4096-byte physical blocks
[ 2.417839] sd 0:0:0:0: Attached scsi generic sg0 type 0
[ 2.417920] sd 0:0:0:0: [sda] Write Protect is off
[ 2.417926] sd 0:0:0:0: [sda] Mode Sense: 00 3a 00 00
[ 2.417982] sd 0:0:0:0: [sda] Write cache: enabled, read cache: enabled,
doesn't support DPO or FUA
[ 2.462562] sda: sda1 sda2 sda3 sda4 < sda5 sda6 sda7 >
[ 2.464411] sd 0:0:0:0: [sda] Attached SCSI disk
[ 2.550604] usb 2-5: New USB device found, idVendor=04f2, idProduct=b2b9
[ 2.550620] usb 2-5: New USB device strings: Mfr=1, Product=2, SerialNumber=0
[ 2.550629] usb 2-5: Product: Integrated Camera
[ 2.550636] usb 2-5: Manufacturer: Image Processor
[ 2.942925] usb 3-2: new full-speed USB device number 2 using ohci-pci
[ 2.991143] psmouse serio4: synaptics: Touchpad model: 1, fw: 8.0, id:
0x1e2b1, caps: 0xd001a3/0x940300/0x123c00, board id: 1917, fw id: 864720
[ 2.991164] psmouse serio4: synaptics: serio: Synaptics pass-through port at
isa0060/serio4/input0
[ 3.032816] input: SynPS/2 Synaptics TouchPad as
/devices/platform/i8042/serio4/input/input12
[ 3.116075] usb 3-2: New USB device found, idVendor=046d, idProduct=c52f
[ 3.116092] usb 3-2: New USB device strings: Mfr=1, Product=2, SerialNumber=0
[ 3.116100] usb 3-2: Product: USB Receiver
[ 3.116108] usb 3-2: Manufacturer: Logitech
[ 3.127797] hidraw: raw HID events driver (C) Jiri Kosina
[ 3.140583] usbcore: registered new interface driver usbhid
[ 3.140591] usbhid: USB HID core driver
[ 3.145110] input: Logitech USB Receiver as
/devices/pci0000:00/0000:00:12.0/usb3/3-2/3-2:1.0/input/input14
[ 3.145328] hid-generic 0003:046D:C52F.0001: input,hidraw0: USB HID v1.11
Mouse [Logitech USB Receiver] on usb-0000:00:12.0-2/input0
[ 3.149288] input: Logitech USB Receiver as
/devices/pci0000:00/0000:00:12.0/usb3/3-2/3-2:1.1/input/input15
```

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[ 3.149645] hid-generic 0003:046D:C52F.0002: input,hiddev0,hidraw1: USB HID
v1.11 Device [Logitech USB Receiver] on usb-0000:00:12.0-2/input1
[ 3.371609] Switched to clocksource tsc
[ 3.383267] usb 3-4: new full-speed USB device number 3 using ohci-pci
[ 3.534766] EXT4-fs (sda7): mounted filesystem with ordered data mode. Opts:
(null)
[ 3.558122] usb 3-4: New USB device found, idVendor=0a5c, idProduct=217f
[ 3.558138] usb 3-4: New USB device strings: Mfr=1, Product=2, SerialNumber=3
[ 3.558147] usb 3-4: Product: Broadcom Bluetooth Device
[ 3.558155] usb 3-4: Manufacturer: Broadcom Corp
[ 3.558163] usb 3-4: SerialNumber: 402CF47BA693
[ 4.370990] random: nonblocking pool is initialized
[ 6.451302] init: plymouth-upstart-bridge main process (153) terminated with
status 1
[ 6.451339] init: plymouth-upstart-bridge main process ended, respawning
[ 6.456846] init: plymouth-upstart-bridge main process (162) terminated with
status 1
[ 6.456879] init: plymouth-upstart-bridge main process ended, respawning
[ 6.462190] init: plymouth-upstart-bridge main process (163) terminated with
status 1
[ 6.462221] init: plymouth-upstart-bridge main process ended, respawning
[ 6.467653] init: plymouth-upstart-bridge main process (164) terminated with
status 1
[ 6.467686] init: plymouth-upstart-bridge main process ended, respawning
[ 6.473056] init: plymouth-upstart-bridge main process (165) terminated with
status 1
[ 6.473089] init: plymouth-upstart-bridge main process ended, respawning
[ 6.478458] init: plymouth-upstart-bridge main process (166) terminated with
status 1
[ 6.478491] init: plymouth-upstart-bridge main process ended, respawning
[ 6.484122] init: plymouth-upstart-bridge main process (167) terminated with
status 1
[ 6.484155] init: plymouth-upstart-bridge main process ended, respawning
[ 6.489653] init: plymouth-upstart-bridge main process (168) terminated with
status 1
[ 6.489686] init: plymouth-upstart-bridge main process ended, respawning
[ 6.495155] init: plymouth-upstart-bridge main process (169) terminated with
status 1
[ 6.495188] init: plymouth-upstart-bridge main process ended, respawning
[ 6.500573] init: plymouth-upstart-bridge main process (170) terminated with
status 1
[ 6.500605] init: plymouth-upstart-bridge main process ended, respawning
[ 6.506386] init: plymouth-upstart-bridge main process (171) terminated with
status 1
[ 6.506415] init: plymouth-upstart-bridge respawning too fast, stopped
[ 25.958079] Adding 511996k swap on /dev/sda6. Priority:-1 extents:1
across:511996k FS
[ 26.034619] IPv6: ADDRCONF(NETDEV_UP): eth0: link is not ready
[ 26.193416] systemd-udevd[320]: starting version 204
[ 26.376056] lp: driver loaded but no devices found
[ 26.392138] ppdev: user-space parallel port driver
[ 26.429423] AMD IOMMUv2 driver by Joerg Roedel <joerg.roedel@amd.com>
[ 26.429431] AMD IOMMUv2 functionality not available on this system
[ 26.470024] fglrx: module license 'Proprietary. (C) 2002 - ATI Technologies,
Starnberg, GERMANY' taints kernel.
[ 26.470035] Disabling lock debugging due to kernel taint
[ 26.486132] cfg80211: Calling CRDA to update world regulatory domain
[ 26.490603] ACPI: Video Device [VGA1] (multi-head: yes rom: no post: no)
[ 26.490721] [Firmware Bug]: ACPI: No _BQC method, cannot determine initial
brightness
[ 26.513742] fglrx: module verification failed: signature and/or required key
missing - tainting kernel
[ 26.537820] <6>[fglrx] Maximum main memory to use for locked dma buffers:
3395 MBytes.
```

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[ 26.538049] <6>[fglrx] vendor: 1002 device: 9806 count: 1
[ 26.541183] <6>[fglrx] ioport: bar 1, base 0x4000, size: 0x100
[ 26.567807] <6>[fglrx] Kernel PAT support is enabled
[ 26.567856] <6>[fglrx] module loaded - fglrx 13.35.5 [Mar 12 2014] with 1
minors
[ 26.576822] Non-volatile memory driver v1.3
[ 26.577950] acpi device:34: registered as cooling_device2
[ 26.578089] input: Video Bus as
/devices/LNXSYSTM:00/device:00/PNP0A08:00/LNXVIDE0:01/input/input16
[ 26.589817] thinkpad_acpi: ThinkPad ACPI Extras v0.25
[ 26.589826] thinkpad_acpi: http://ibm-acpi.sf.net/
[ 26.589830] thinkpad_acpi: ThinkPad BIOS 8RET54WW (1.17 ), EC unknown
[ 26.589833] thinkpad_acpi: Lenovo ThinkPad X121e, model 30515XG
[ 26.595576] thinkpad_acpi: Unsupported brightness interface, please contact
ibm-acpi-devel@lists.sourceforge.net
[ 26.609781] thinkpad_acpi: radio switch found; radios are enabled
[ 26.609818] thinkpad_acpi: possible tablet mode switch found; ThinkPad in
laptop mode
[ 26.609854] thinkpad_acpi: This ThinkPad has standard ACPI backlight
brightness control, supported by the ACPI video driver
[ 26.609856] thinkpad_acpi: Disabling thinkpad-acpi brightness events by
default...
[ 26.642165] wmi: Mapper loaded
[ 26.651984] EXT4-fs (sda7): warning: maximal mount count reached, running
e2fsck is recommended
[ 26.652443] EXT4-fs (sda7): re-mounted. Opts: errors=remount-ro
[ 26.657934] rtl8192ce: Using firmware rtlwifi/rtl8192cfw.bin
[ 26.704064] thinkpad_acpi: rfkill switch tpacpi_bluetooth_sw: radio is
unblocked
[ 26.708999] thinkpad_acpi: Console audio control enabled, mode: monitor (read
only)
[ 26.719403] input: ThinkPad Extra Buttons as
/devices/platform/thinkpad_acpi/input/input17
[ 26.747188] ACPI Warning: 0x00000000000000b00-0x00000000000000b07 SystemIO
conflicts with Region \_SB_.PCI0.SMB.SMB0 1 (20131115/utaddress-251)
[ 26.747205] ACPI: If an ACPI driver is available for this device, you should
use it instead of the native driver
[ 26.751980] sp5100_tco: SP5100/SB800 TCO WatchDog Timer Driver v0.05
[ 26.752128] sp5100_tco: PCI Revision ID: 0x42
[ 26.752222] sp5100_tco: Using 0xfed80b00 for watchdog MMIO address
[ 26.752236] sp5100_tco: Last reboot was not triggered by watchdog.
[ 26.765240] sp5100_tco: initialized (0xffffc9000063cb00). heartbeat=60 sec
(nowayout=0)
[ 26.795737] ieee80211 phy0: Selected rate control algorithm 'rtl_rc'
[ 26.796162] rtlwifi: wireless switch is on
[ 27.022811] hda-intel 0000:00:01.1: Using LPIB position fix
[ 27.022886] snd_hda_intel 0000:00:01.1: irq 44 for MSI/MSI-X
[ 27.029743] hda-intel 0000:00:01.1: Enable sync_write for stable
communication
[ 27.043083] type=1400 audit(1416658180.796:2): apparmor="STATUS"
operation="profile_load" profile="unconfined" name="/sbin/dhclient" pid=465
comm="apparmor_parser"
[ 27.043101] type=1400 audit(1416658180.796:3): apparmor="STATUS"
operation="profile_load" profile="unconfined" name="/usr/lib/NetworkManager/nm-
dhcp-client.action" pid=465 comm="apparmor_parser"
[ 27.043112] type=1400 audit(1416658180.796:4): apparmor="STATUS"
operation="profile_load" profile="unconfined"
name="/usr/lib/connman/scripts/dhclient-script" pid=465 comm="apparmor_parser"
[ 27.043977] kvm: disabled by bios
[ 27.044169] type=1400 audit(1416658180.796:5): apparmor="STATUS"
operation="profile_replace" profile="unconfined"
name="/usr/lib/NetworkManager/nm-dhcp-client.action" pid=465
comm="apparmor_parser"
[ 27.044185] type=1400 audit(1416658180.796:6): apparmor="STATUS"
```



```
operation="profile_replace" profile="unconfined"
name="/usr/lib/connman/scripts/dhclient-script" pid=465 comm="apparmor_parser"
[ 27.044632] type=1400 audit(1416658180.796:7): apparmor="STATUS"
operation="profile_replace" profile="unconfined"
name="/usr/lib/connman/scripts/dhclient-script" pid=465 comm="apparmor_parser"
[ 27.052657] input: HD-Audio Generic HDMI/DP,pcm=3 as
/devices/pci0000:00/0000:00:01.1/sound/card0/input18
[ 27.053603] hda-intel 0000:00:14.2: Using LPIB position fix
[ 27.073164] hda-intel 0000:00:14.2: Enable sync_write for stable
communication
[ 27.095494] hda_codec: CX20590: BIOS auto-probing.
[ 27.095985] autoconfig: line_outs=1 (0x1f/0x0/0x0/0x0/0x0) type:speaker
[ 27.095994] speaker_outs=0 (0x0/0x0/0x0/0x0/0x0)
[ 27.095997] hp_outs=1 (0x19/0x0/0x0/0x0/0x0)
[ 27.096000] mono: mono_out=0x0
[ 27.096002] inputs:
[ 27.096006] Internal Mic=0x23
[ 27.096009] Mic=0x1b
[ 27.122157] Bluetooth: Core ver 2.17
[ 27.122207] NET: Registered protocol family 31
[ 27.122210] Bluetooth: HCI device and connection manager initialized
[ 27.122226] Bluetooth: HCI socket layer initialized
[ 27.122231] Bluetooth: L2CAP socket layer initialized
[ 27.122240] Bluetooth: SCO socket layer initialized
[ 27.142004] usbcore: registered new interface driver btusb
[ 27.152938] input: HDA ATI SB Headphone as
/devices/pci0000:00/0000:00:14.2/sound/card1/input20
[ 27.154064] input: HDA ATI SB Mic as
/devices/pci0000:00/0000:00:14.2/sound/card1/input19
[ 27.180896] device-mapper: multipath: version 1.6.0 loaded
[ 27.278639] Linux video capture interface: v2.00
[ 27.295145] uvcvideo: Found UVC 1.00 device Integrated Camera (04f2:b2b9)
[ 27.297064] input: Integrated Camera as
/devices/pci0000:00/0000:00:13.2/usb2/2-5/2-5:1.0/input/input21
[ 27.297293] usbcore: registered new interface driver uvcvideo
[ 27.297297] USB Video Class driver (1.1.1)
[ 27.909650] cfg80211: World regulatory domain updated:
[ 27.909661] cfg80211: (start_freq - end_freq @ bandwidth),
(max_antenna_gain, max_eirp)
[ 27.909665] cfg80211: (2402000 KHz - 2472000 KHz @ 40000 KHz), (300 mBi,
2000 mBm)
[ 27.909669] cfg80211: (2457000 KHz - 2482000 KHz @ 40000 KHz), (300 mBi,
2000 mBm)
[ 27.909673] cfg80211: (2474000 KHz - 2494000 KHz @ 20000 KHz), (300 mBi,
2000 mBm)
[ 27.909676] cfg80211: (5170000 KHz - 5250000 KHz @ 40000 KHz), (300 mBi,
2000 mBm)
[ 27.909680] cfg80211: (5735000 KHz - 5835000 KHz @ 40000 KHz), (300 mBi,
2000 mBm)
[ 28.082489] Bluetooth: BNEP (Ethernet Emulation) ver 1.3
[ 28.082499] Bluetooth: BNEP filters: protocol multicast
[ 28.082517] Bluetooth: BNEP socket layer initialized
[ 28.093035] Bluetooth: RFCOMM TTY layer initialized
[ 28.093061] Bluetooth: RFCOMM socket layer initialized
[ 28.093078] Bluetooth: RFCOMM ver 1.11
[ 28.150003] type=1400 audit(1416658181.904:8): apparmor="STATUS"
operation="profile_load" profile="unconfined" name="/usr/lib/cups/backend/cups-
pdf" pid=734 comm="apparmor_parser"
[ 28.150023] type=1400 audit(1416658181.904:9): apparmor="STATUS"
operation="profile_load" profile="unconfined" name="/usr/sbin/cupsd" pid=734
comm="apparmor_parser"
[ 28.150846] type=1400 audit(1416658181.904:10): apparmor="STATUS"
operation="profile_replace" profile="unconfined" name="/usr/sbin/cupsd" pid=734
comm="apparmor_parser"
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[ 28.591412] init: failsafe main process (740) killed by TERM signal
[ 28.872829] init: cups main process (751) killed by HUP signal
[ 28.872858] init: cups main process ended, respawning
[ 29.012284] init: Failed to obtain startpar-bridge instance: Unknown
parameter: INSTANCE
[ 29.099205] NET: Registered protocol family 15
[ 29.217676] AVX instructions are not detected.
[ 29.293534] AVX instructions are not detected.
[ 29.314856] AVX instructions are not detected.
[ 29.353495] AVX or AES-NI instructions are not detected.
[ 29.366694] AVX or AES-NI instructions are not detected.
[ 29.409106] AVX instructions are not detected.
[ 29.951086] type=1400 audit(1416658183.704:11): apparmor="STATUS"
operation="profile_load" profile="unconfined" name="/usr/lib/x86_64-linux-
gnu/lightdm-remote-session-freerdp/freerdp-session-wrapper" pid=1152
comm="apparmor_parser"
[ 30.329272] IPv6: ADDRCONF(NETDEV_UP): wlan0: link is not ready
[ 30.331207] IPv6: ADDRCONF(NETDEV_UP): wlan0: link is not ready
[ 30.342658] atl1c 0000:02:00.0: irq 45 for MSI/MSI-X
[ 30.361761] IPv6: ADDRCONF(NETDEV_UP): eth0: link is not ready
[ 30.369091] IPv6: ADDRCONF(NETDEV_UP): eth0: link is not ready
[ 30.951820] Loading iSCSI transport class v2.0-870.
[ 30.966200] iscsi: registered transport (tcp)
[ 31.008123] iscsi: registered transport (iser)
[ 32.471970] wlan0: authenticate with bc:05:43:67:4a:84
[ 32.490856] wlan0: send auth to bc:05:43:67:4a:84 (try 1/3)
[ 32.496283] wlan0: authenticated
[ 32.498586] wlan0: associate with bc:05:43:67:4a:84 (try 1/3)
[ 32.507727] wlan0: RX AssocResp from bc:05:43:67:4a:84 (capab=0x431 status=0
aid=3)
[ 32.507853] wlan0: associated
[ 32.507910] IPv6: ADDRCONF(NETDEV_CHANGE): wlan0: link becomes ready
[ 32.508011] cfg80211: Calling CRDA for country: DE
[ 32.513513] cfg80211: Regulatory domain changed to country: DE
[ 32.513523] cfg80211: (start_freq - end_freq @ bandwidth),
(max_antenna_gain, max_eirp)
[ 32.513528] cfg80211: (2400000 KHz - 2483500 KHz @ 40000 KHz), (N/A, 2000
mBm)
[ 32.513531] cfg80211: (5150000 KHz - 5250000 KHz @ 40000 KHz), (N/A, 2000
mBm)
[ 32.513535] cfg80211: (5250000 KHz - 5350000 KHz @ 40000 KHz), (N/A, 2000
mBm)
[ 32.513538] cfg80211: (5470000 KHz - 5725000 KHz @ 40000 KHz), (N/A, 2698
mBm)
[ 32.513541] cfg80211: (57240000 KHz - 65880000 KHz @ 2160000 KHz), (N/A,
4000 mBm)
[ 35.039794] nbd: registered device at major 43
[ 35.116447] kvm: disabled by bios
[ 35.564569] init: kdm main process (1560) killed by TERM signal
[ 35.578362] audit_printk_skb: 183 callbacks suppressed
[ 35.578372] type=1400 audit(1416658189.327:73): apparmor="STATUS"
operation="profile_replace" profile="unconfined" name="/usr/sbin/cups-browsed"
pid=1821 comm="apparmor_parser"
[ 35.724554] type=1400 audit(1416658189.475:74): apparmor="STATUS"
operation="profile_replace" profile="unconfined" name="/usr/sbin/mysqld"
pid=1847 comm="apparmor_parser"
[ 38.746818] thinkpad_ec: thinkpad_ec_read_row: failed requesting row:
(0x01:0x00)->0xffffffff0
[ 38.746827] thinkpad_ec: initial ec test failed
[ 39.340575] Initializing XFRM netlink socket
[ 39.494597] sha512_ssse3: Using SSSE3 optimized SHA-512 implementation
[ 39.501823] sha256_ssse3: Using SSSE3 optimized SHA-256 implementation
[ 39.522364] AVX instructions are not detected.
[ 39.548932] AVX instructions are not detected.
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[ 39.577816] AVX instructions are not detected.
[ 39.631022] AVX instructions are not detected.
[ 39.663361] AVX instructions are not detected.
[ 39.693674] AVX or AES-NI instructions are not detected.
[ 39.713767] AVX or AES-NI instructions are not detected.
[ 39.965596] Ebtables v2.0 registered
[ 40.323466] ip_tables: (C) 2000-2006 Netfilter Core Team
[ 40.345826] ip6_tables: (C) 2000-2006 Netfilter Core Team
[ 46.084088] Bridge firewalling registered
[ 46.708005] fglrx_pci 0000:00:01.0: irq 46 for MSI/MSI-X
[ 46.719187] <6>[fglrx] Firegl kernel thread PID: 2916
[ 46.723478] <6>[fglrx] Firegl kernel thread PID: 2918
[ 46.731188] <6>[fglrx] Firegl kernel thread PID: 2919
[ 46.731447] <6>[fglrx] IRQ 46 Enabled
[ 46.740846] <6>[fglrx] Reserved FB block: Shared offset:0, size:1000000
[ 46.740854] <6>[fglrx] Reserved FB block: Unshared offset:fc13000, size:3000
[ 46.740858] <6>[fglrx] Reserved FB block: Unshared offset:fc16000,
size:3ea000
[ 46.740862] <6>[fglrx] Reserved FB block: Unshared offset:17ff4000, size:c000
[ 46.835535] <6>[fglrx] ATIF platform detected with notification ID: 0x81
[ 46.975021] nf_conntrack version 0.5.0 (16384 buckets, 65536 max)
[ 47.272477] IPv6: ADDRCONF(NETDEV_UP): virbr0: link is not ready
[ 49.447829] cgroup: systemd-logind (850) created nested cgroup for controller
"memory" which has incomplete hierarchy support. Nested cgroups may change
behavior in the future.
[ 49.447838] cgroup: "memory" requires setting use_hierarchy to 1 on the root.
[ 54.035311] init: anacron main process (1742) killed by TERM signal
[ 54.318119] vboxdrv: Found 2 processor cores.
[ 54.327234] vboxdrv: fAsync=0 offMin=0x390 offMax=0xf84
[ 54.327422] vboxdrv: TSC mode is 'synchronous', kernel timer mode is
'normal'.
[ 54.327425] vboxdrv: Successfully loaded version 4.3.10_Ubuntu (interface
0x001a0007).
[ 54.430394] vboxpci: IOMMU not found (not registered)
[ 56.988853] init: plymouth-stop pre-start process (3559) terminated with
status 1
[ 58.601846] type=1400 audit(1416658210.964:75): apparmor="STATUS"
operation="profile_replace" profile="unconfined"
name="/usr/lib/cups/backend/cups-pdf" pid=3593 comm="apparmor_parser"
[ 58.601868] type=1400 audit(1416658210.964:76): apparmor="STATUS"
operation="profile_replace" profile="unconfined" name="/usr/sbin/cupsd" pid=3593
comm="apparmor_parser"
[ 58.602817] type=1400 audit(1416658210.964:77): apparmor="STATUS"
operation="profile_replace" profile="unconfined" name="/usr/sbin/cupsd" pid=3593
comm="apparmor_parser"
```