

```
[ 0.000000] console [tty0] enabled
[ 0.000000] mempolicy: Enabling automatic NUMA balancing. Configure with numa_balancing= or the kernel.numa_balancing sysctl
[ 0.000000] clocksource hpet: mask: 0xffffffff max_cycles: 0xffffffff, max_idle_ns: 133484882848 ns
[ 0.000000] tsc: Fast TSC calibration using PIT
[ 0.000000] tsc: Detected 2266.975 MHz processor
[ 0.000009] Calibrating delay loop (skipped), value calculated using timer frequency.. 4533.95 BogoMIPS (lpj=2266975)
[ 0.000477] pid_max: default: 32768 minimum: 501
[ 0.000724] ACPI: Core revision 20150410
[ 0.003584] ACPI: All ACPI Tables successfully acquired
[ 0.008709] Dentry cache hash table entries: 8388608 (order: 14, 67108864 bytes)
[ 0.025838] Inode-cache hash table entries: 4194304 (order: 13, 33554432 bytes)
[ 0.033552] Mount-cache hash table entries: 131072 (order: 8, 1048576 bytes)
[ 0.033893] Mountpoint-cache hash table entries: 131072 (order: 8, 1048576 bytes)
[ 0.034934] Initializing cgroup subsys blkio
[ 0.035166] Initializing cgroup subsys memory
[ 0.035409] Initializing cgroup subsys devices
[ 0.035640] Initializing cgroup subsys freezer
[ 0.035879] Initializing cgroup subsys net_cls
[ 0.036111] Initializing cgroup subsys perf_event
```

DIG-MEDIA (PCI 128MB) V4.1-1034-700-10K115 (CPU)

```
[ 0.000000] smpboot: Allowing 32 CPUs, 16 hotplug CPUs
[ 0.000000] e820: [mem 0xec000000-0xfebfffff] available for PCI devices
[ 0.000000] clocksource refined-jiffies: mask: 0xffffffff max_cycles: 0xfffffff, max_idle_ns: 1910969940391419 ns
[ 0.000000] setup_percpu: NR_CPUS:64 nr_cpumask_bits:64 nr_cpu_ids:32 nr_node_ids:2
[ 0.000000] PERCPU: Embedded 29 pages/cpu @ffff8805ffc00000 s80664 r8192 d29928 u131072
[ 0.000000] Built 2 zonelists in Node order, mobility grouping on. Total pages: 12383706
[ 0.000000] Policy zone: Normal
[ 0.000000] Kernel command line: BOOT_IMAGE=/boot/kernel-genkernel-x86_64-4.16-hardened-r1 root=UUID=48ba9622-eda7-4c79-9bbf-3530953135e7 ro single rootfstype=ext4 keymap=de intel_iommu=on init=/usr/lib64/systemd/systemd
[ 0.000000] Intel-IOMMU: enabled
[ 0.000000] PID hash table entries: 4096 (order: 3, 32768 bytes)
[ 0.000000] Memory: 49448768K/50321184K available (6004K kernel code, 1290K rodata, 2288K rodata, 1288K init, 1068K bss, 872416K reserved, 0K cma-reserved)
[ 0.000000] SLUB: HWalign=64, Order=0-3, MinObjects=0, CPUs=32, Nodes=2
[ 0.000000] Hierarchical RCU implementation.
[ 0.000000] oRCU restricting CPUs from NR_CPUS=64 to nr_cpu_ids=32.
[ 0.000000] RCU: Adjusting geometry for rcu_fanout_leaf=16, nr_cpu_ids=32
[ 0.000000] NR_IRQS:4352 nr_irqs:1088 16
[ 0.000000] Console: colour VGA+ 80x25
[ 0.000000] console [tty0] enabled
```

DVC Mode (RC4-128 bit) Video:1024x768 48KHz / 60Hz

```
[ 0.036111] Initializing cgroup subsys perf_event
[ 0.036348] Initializing cgroup subsys net_prio
[ 0.036578] Initializing cgroup subsys hugetlb
[ 0.036842] CPU: Physical Processor ID: 1
[ 0.037075] CPU: Processor Core ID: 0
[ 0.037304] mce: CPU supports 9 MCE banks
[ 0.037541] CPU0: Thermal monitoring enabled (TM1)
[ 0.037778] process: using mwait in idle threads
[ 0.038019] Last level iTLB entries: 4KB 512, 2MB 7, 4MB 7
[ 0.038255] Last level dTLB entries: 4KB 512, 2MB 32, 4MB 32, 1GB 0
[ 0.038968] Freeing SMP alternatives memory: 32K (ffffffff81aad000 - ffffffff
31ab5000)
[ 0.039551] This system BIOS has enabled interrupt remapping
[ 0.039551] on a chipset that contains an erratum making that
[ 0.039551] feature unstable. To maintain system stability
[ 0.039551] interrupt remapping is being disabled. Please
[ 0.039551] contact your BIOS vendor for an update
[ 0.040589] Switched APIC routing to physical flat.
[ 0.041372] ..TIMER: vector=0x30 apic1=0 pin1=2 apic2=-1 pin2=-1
[ 0.152923] smpboot: CPU0: Intel(R) Xeon(R) CPU L5520 @ 2.27GHz (fam: 06, model: 1a, stepping: 05)
[ 0.153485] Performance Events: PEBS fmt1+, 16-deep LBR, Nehalem events, Broken BIOS detected, complain to your hardware vendor.
[ 0.157640] [Firmware Bug]: the BIOS has corrupted hw-PMU resources (MSR 38d is 330)
```

is 330)

```
[ 0.158061] Intel PMU driver.
[ 0.158282] perf_event_intel: CPU erratum AAJ80 worked around
[ 0.158521] perf_event_intel: CPUID marked event: 'bus cycles' unavailable
[ 0.158766] ... version:          3
[ 0.158996] ... bit width:             48
[ 0.159224] ... generic registers:      4
[ 0.159452] ... value mask:             0000ffffffffffff
[ 0.159688] ... max period:             000000007fffffff
[ 0.159925] ... fixed-purpose events:    3
[ 0.160152] ... event mask:             000000070000000f
[ 0.160935] x86: Booting SMP configuration:
[ 0.161164] .... node #0, CPUs:      #1 #2
[ 0.265690] .... node #1, CPUs:      #3
[ 0.279373] .... node #0, CPUs:      #4
[ 0.292980] .... node #1, CPUs:      #5
[ 0.306654] .... node #0, CPUs:      #6
[ 0.320260] .... node #1, CPUs:      #7
[ 0.333934] .... node #0, CPUs:      #8
[ 0.347539] .... node #1, CPUs:      #9
[ 0.361221] .... node #0, CPUs:     #10
[ 0.374783] .... node #1, CPUs:     #11
[ 0.388440] .... node #0, CPUs:     #12
[ 0.402046] .... node #1, CPUs:     #13
[ 0.415722] .... node #0, CPUs:     #14
```

DVC-M-11-004-130-513 V3-11034-700-40K15 (CPU-1)

```
[ 0.415722] ... node #0, CPUs: #14
[ 0.429322] ... node #1, CPUs: #15
[ 0.442674] x86: Booted up 2 nodes, 16 CPUs
[ 0.443117] smpboot: Total of 16 processors activated (72533.31 BogomIPS)
[ 0.456514] devtmpfs: initialized
[ 0.457030] clocksource jiffies: mask: 0xffffffff max_cycles: 0xffffffff, max
_idle_ns: 1911260446275000 ns
[ 0.457603] prandom: seed boundary self test passed
[ 0.458578] prandom: 100 self tests passed
[ 0.458812] pinctrl core: initialized pinctrl subsystem
[ 0.459201] NET: Registered protocol family 16
[ 0.464053] cpuidle: using governor ladder
[ 0.469057] cpuidle: using governor menu
[ 0.469340] ACPI: bus type PCI registered
[ 0.469664] PCI: MMCONFIG for domain 0000 [bus 00-3f] at [mem 0xe8000000-0xeb
ffffff] (base 0xe8000000)
[ 0.470096] PCI: MMCONFIG at [mem 0xe8000000-0xebffffff] reserved in E820
[ 0.470399] PCI: Using configuration type 1 for base access
[ 0.476647] ACPI: Added _DSI(Module Device)
[ 0.476876] ACPI: Added _DSI(Processor Device)
[ 0.477108] ACPI: Added _DSI(3.0 _SCP Extensions)
[ 0.477337] ACPI: Added _DSI(Processor Aggregator Device)
[ 0.479188] ACPI Error: Field [CDW3] at 96 exceeds Buffer [NULL] size 64 (bit
s) (20150410/dsopcode-236)
[ 0.479689] ACPI Error: Method parse/execution failed [\_SB\_OSC] (Node ffff
```

```
[ 0.479689] ACPI Error: Method parse/execution failed [\_SB\_._OSC] (Node ffff880c17494540), AE_AML_BUFFER_LIMIT (20150410/psparse-536)
[ 0.482232] ACPI: Interpreter enabled
[ 0.482461] ACPI: (supports S0 S5)
[ 0.482683] ACPI: Using IOAPIC for interrupt routing
[ 0.482938] PCI: Using host bridge windows from ACPI; if necessary, use "pci=nocrs" and report a bug
[ 0.486064] ACPI: PCI Root Bridge [PCI0] (domain 0000 [bus 00-13])
[ 0.486315] acpi PNP0A08:00: _OSC: OS supports [ExtendedConfig ASPM ClockPM Segments MSI]
[ 0.486740] acpi PNP0A08:00: _OSC failed (AE_NOT_FOUND); disabling ASPM
[ 0.486998] acpi PNP0A08:00: host bridge window expanded to [mem 0xfed00000-0xfed44fff window]; [mem 0xfed00000-0xfed44fff window] ignored
[ 0.487474] PCI host bridge to bus 0000:00
[ 0.487703] pci_bus 0000:00: root bus resource [bus 00-13]
[ 0.487940] pci_bus 0000:00: root bus resource [mem 0xef000000-0xfbffffff window]
[ 0.488359] pci_bus 0000:00: root bus resource [io 0x1000-0x6fff window]
[ 0.488602] pci_bus 0000:00: root bus resource [io 0x0000-0x03af window]
[ 0.488845] pci_bus 0000:00: root bus resource [io 0x03e0-0x0cf7 window]
[ 0.489093] pci_bus 0000:00: root bus resource [io 0x0d00-0x0fff window]
[ 0.489338] pci_bus 0000:00: root bus resource [mem 0xfed00000-0xfed44fff window]
[ 0.489754] pci_bus 0000:00: root bus resource [io 0x03b0-0x03bb window]
[ 0.489997] pci_bus 0000:00: root bus resource [io 0x03c0-0x03df window]
```



```
[ 0.503923] pci 0000:00:1e.0: PCI bridge to [bus 01] (subtractive decode)
[ 0.504489] ACPI: PCI Interrupt Link [LNKA] (IRQs *5 7 10 11)
[ 0.504984] ACPI: PCI Interrupt Link [LNKB] (IRQs 5 7 10 *11)
[ 0.505480] ACPI: PCI Interrupt Link [LNKC] (IRQs 5 7 10 11) *0, disabled.
[ 0.506048] ACPI: PCI Interrupt Link [LNKD] (IRQs 5 7 *10 11)
[ 0.506539] ACPI: PCI Interrupt Link [LNKE] (IRQs *5 7 10 11)
[ 0.507030] ACPI: PCI Interrupt Link [LNKF] (IRQs 5 *7 10 11)
[ 0.507517] ACPI: PCI Interrupt Link [LNKG] (IRQs 5 *7 10 11)
[ 0.508004] ACPI: PCI Interrupt Link [LNKH] (IRQs 5 7 *10 11)
[ 0.508562] vgaarb: setting as boot device: PCI:0000:01:03.0
[ 0.508802] vgaarb: device added: PCI:0000:01:03.0,decodes=io+mem,owns=io+mem
,locks=none
[ 0.509224] vgaarb: loaded
[ 0.509441] vgaarb: bridge control possible 0000:01:03.0
[ 0.509777] SCSI subsystem initialized
[ 0.510111] EDAC MC: Ver: 3.0.0
[ 0.510469] PCI: Using ACPI for IRQ routing
[ 0.511879] PCI: Discovered peer bus 3e
[ 0.512222] ACPI: \: failed to evaluate _DSM (0x1001)
[ 0.512456] PCI host bridge to bus 0000:3e
[ 0.512635] pci_bus 0000:3e: root bus resource [io 0x0000-0xffff]
[ 0.512813] pci_bus 0000:3e: root bus resource [mem 0x00000000-0xffffffff]
[ 0.512992] pci_bus 0000:3e: No busn resource found for root bus, will use [b
us 3e-ff]
[ 0.514214] PCI: Discovered peer bus 3f
```



```
[ 0.514214] PCI: Discovered peer bus 3f
[ 0.514459] ACPI: \: failed to evaluate _DSM (0x1001)
[ 0.514693] PCI host bridge to bus 0000:3f
[ 0.514924] pci_bus 0000:3f: root bus resource [io 0x0000-0xffff]
[ 0.515169] pci_bus 0000:3f: root bus resource [mem 0x00000000-0xffffffff]
[ 0.515416] pci_bus 0000:3f: No busn resource found for root bus, will use [bus 0000:3f-ff]
[ 0.517083] HPET: 4 timers in total, 0 timers will be used for per-cpu timer
[ 0.517339] hpet0: at MMIO 0xfed00000, IRQs 2, 8, 0, 0
[ 0.517753] hpet0: 4 comparators, 64-bit 14.318180 MHz counter
[ 0.520834] Switched to clocksource hpet
[ 0.524387] pnp: PnP ACPI init
[ 0.524808] system 00:00: [io 0x0408-0x040f] has been reserved
[ 0.525053] system 00:00: [io 0x04d0-0x04d1] has been reserved
[ 0.525292] system 00:00: [io 0x0700-0x071f] has been reserved
[ 0.525533] system 00:00: [io 0x0880-0x08ff] could not be reserved
[ 0.525775] system 00:00: [io 0x0900-0x097f] has been reserved
[ 0.526019] system 00:00: [io 0x0c80-0x0c83] has been reserved
[ 0.526259] system 00:00: [io 0x0cd4-0x0cd7] has been reserved
[ 0.526496] system 00:00: [io 0x0f50-0x0f58] has been reserved
[ 0.526735] system 00:00: [io 0x0ca0-0x0ca1] has been reserved
[ 0.526980] system 00:00: [io 0x0ca4-0x0ca5] has been reserved
[ 0.527222] system 00:00: [io 0x02f8-0x02ff] has been reserved
[ 0.527461] system 00:00: [mem 0xe8000000-0xebffffff] has been reserved
[ 0.527703] system 00:00: [mem 0xfe000000-0xfebffffff] has been reserved
```

```
[ 0.527703] system 00:00: [mem 0xfe000000-0xfebffffff] has been reserved
[ 0.527951] system 00:00: [mem 0xeffe000-0xefffffff] has been reserved
[ 0.528627] pnp: PnP ACPI: found 6 devices
[ 0.535354] clocksource acpi_pm: mask: 0xffffffff max_cycles: 0xffffffff, max_idle_ns: 2085701024 ns
[ 0.535853] pci 0000:02:00.0: BAR 6: assigned [mem 0xfb900000-0xfb91ffff pref]
[ 0.536269] pci 0000:02:00.1: BAR 6: assigned [mem 0xfb920000-0xfb93ffff pref]
[ 0.536686] pci 0000:00:01.0: PCI bridge to [bus 02]
[ 0.536926] pci 0000:00:01.0: bridge window [io 0x4000-0x4fff]
[ 0.537168] pci 0000:00:01.0: bridge window [mem 0xfb900000-0xfb9ffffff]
[ 0.537418] pci 0000:00:02.0: PCI bridge to [bus 0d]
[ 0.537659] pci 0000:03:00.0: BAR 6: assigned [mem 0xfba00000-0xfba1ffff pref]
[ 0.538081] pci 0000:00:03.0: PCI bridge to [bus 03-05]
[ 0.538319] pci 0000:00:03.0: bridge window [io 0x5000-0x5fff]
[ 0.538562] pci 0000:00:03.0: bridge window [mem 0xfba00000-0xfbaffffff]
[ 0.538810] pci 0000:00:04.0: PCI bridge to [bus 0e]
[ 0.539056] pci 0000:00:05.0: PCI bridge to [bus 0f]
[ 0.539297] pci 0000:00:06.0: PCI bridge to [bus 10]
[ 0.539539] pci 0000:06:00.0: BAR 6: assigned [mem 0xfbb00000-0xfbb7ffff pref]
[ 0.539959] pci 0000:00:07.0: PCI bridge to [bus 06-08]
[ 0.540193] pci 0000:00:07.0: bridge window [io 0x6000-0x6fff]
```

D:\C-Media\PC4\_120\_512\_1644-1024-768\_48KHz\_C015

```
[ 0.540193] pci 0000:00:07.0: bridge window [io 0x6000-0x6fff]
[ 0.540435] pci 0000:00:07.0: bridge window [mem 0xfbb00000-0xfbffffff]
[ 0.540680] pci 0000:00:08.0: PCI bridge to [bus 11]
[ 0.540922] pci 0000:00:09.0: PCI bridge to [bus 12]
[ 0.541159] pci 0000:00:0a.0: PCI bridge to [bus 13]
[ 0.541400] pci 0000:01:03.0: BAR 6: assigned [mem 0xfb700000-0xfb71ffff pref]
]
[ 0.541819] pci 0000:01:04.2: BAR 6: assigned [mem 0xfb720000-0xfb72ffff pref]
]
[ 0.542233] pci 0000:00:1e.0: PCI bridge to [bus 01]
[ 0.542468] pci 0000:00:1e.0: bridge window [io 0x2000-0x3fff]
[ 0.546276] pci 0000:00:1e.0: bridge window [mem 0xfb700000-0xfb8ffffff]
[ 0.546523] pci 0000:00:1e.0: bridge window [mem 0xf0000000-0xf7ffffff 64bit pref]
]
[ 0.547061] NET: Registered protocol family 2
[ 0.547861] TCP established hash table entries: 524288 (order: 10, 4194304 bytes)
]
[ 0.549264] TCP bind hash table entries: 65536 (order: 8, 1048576 bytes)
[ 0.549703] TCP: Hash tables configured (established 524288 bind 65536)
[ 0.550051] UDP hash table entries: 32768 (order: 8, 1048576 bytes)
[ 0.550597] UDP-Lite hash table entries: 32768 (order: 8, 1048576 bytes)
[ 0.551227] NET: Registered protocol family 1
[ 0.574872] Unpacking initramfs...
[ 1.053690] Freeing initrd memory: 3616K (ffff8800378e0000 - ffff880037c68000)
)
```

```
)  
[ 1.054049] dmar: Host address width 39  
[ 1.054231] dmar: DRHD base: 0x000000efffe000 flags: 0x1  
[ 1.054425] dmar: IOMMU 0: reg_base_addr efffe000 ver 1:0 cap c90780106f0462  
ecap f0207e  
[ 1.054741] dmar: RMRR base: 0x000000e77fb000 end: 0x000000e77fdfff  
[ 1.054916] dmar: RMRR base: 0x000000e77f4000 end: 0x000000e77f9fff  
[ 1.055094] dmar: ATSR flags: 0x0  
[ 1.055374] IOMMU: dmar0 using Queued invalidation  
[ 1.055552] IOMMU: Setting RMRR:  
[ 1.055736] IOMMU: Setting identity map for device 0000:00:1a.0 [0xe77f4000 -  
0xe77f9fff]  
[ 1.056076] IOMMU: Setting identity map for device 0000:00:1d.0 [0xe77f4000 -  
0xe77f9fff]  
[ 1.056417] IOMMU: Setting identity map for device 0000:00:1d.1 [0xe77f4000 -  
0xe77f9fff]  
[ 1.056745] IOMMU: Setting identity map for device 0000:00:1d.2 [0xe77f4000 -  
0xe77f9fff]  
[ 1.057076] IOMMU: Setting identity map for device 0000:01:04.0 [0xe77f4000 -  
0xe77f9fff]  
[ 1.057414] IOMMU: Setting identity map for device 0000:01:04.2 [0xe77f4000 -  
0xe77f9fff]  
[ 1.057728] IOMMU: Setting identity map for device 0000:01:04.4 [0xe77f4000 -  
0xe77f9fff]  
[ 1.058042] IOMMU: Setting identity map for device 0000:00:1d.7 [0xe77fb000 -
```

```
[ 1.058042] IOMMU: Setting identity map for device 0000:00:1d.7 [0xe77fb000 -
0xe77fdfff]
[ 1.058368] IOMMU: Prepare 0-16MiB unity mapping for LPC
[ 1.058548] IOMMU: Setting identity map for device 0000:00:1f.0 [0x0 - 0xffff
ff]
[ 1.059012] PCI-DMA: Intel(R) Virtualization Technology for Directed I/O
[ 1.078386] microcode: CPU0 sig=0x106a5, pf=0x1, revision=0x11
[ 1.078575] microcode: CPU1 sig=0x106a5, pf=0x1, revision=0x11
[ 1.078763] microcode: CPU2 sig=0x106a5, pf=0x1, revision=0x11
[ 1.078950] microcode: CPU3 sig=0x106a5, pf=0x1, revision=0x11
[ 1.079136] microcode: CPU4 sig=0x106a5, pf=0x1, revision=0x11
[ 1.079324] microcode: CPU5 sig=0x106a5, pf=0x1, revision=0x11
[ 1.079510] microcode: CPU6 sig=0x106a5, pf=0x1, revision=0x11
[ 1.079699] microcode: CPU7 sig=0x106a5, pf=0x1, revision=0x11
[ 1.079883] microcode: CPU8 sig=0x106a5, pf=0x1, revision=0x11
[ 1.080068] microcode: CPU9 sig=0x106a5, pf=0x1, revision=0x11
[ 1.080253] microcode: CPU10 sig=0x106a5, pf=0x1, revision=0x11
[ 1.080438] microcode: CPU11 sig=0x106a5, pf=0x1, revision=0x11
[ 1.080621] microcode: CPU12 sig=0x106a5, pf=0x1, revision=0x11
[ 1.080807] microcode: CPU13 sig=0x106a5, pf=0x1, revision=0x11
[ 1.080992] microcode: CPU14 sig=0x106a5, pf=0x1, revision=0x11
[ 1.081177] microcode: CPU15 sig=0x106a5, pf=0x1, revision=0x11
[ 1.081422] microcode: Microcode Update Driver: v2.00 <tigran@aivazian.fsnet.
co.uk>, Peter Oruba
[ 1.083190] futex hash table entries: 8192 (order: 7, 524288 bytes)
```

```
[ 1.083190] futex hash table entries: 8192 (order: 7, 524288 bytes)
[ 1.083468] Initialise system trusted keyring
[ 1.083685] audit: initializing netlink subsys (disabled)
[ 1.083894] audit: type=2000 audit(1440507201.934:1): initialized
[ 1.084449] HugeTLB registered 2 MB page size, pre-allocated 0 pages
[ 1.089787] zpool: loaded
[ 1.089962] zbud: loaded
[ 1.090809] VFS: Disk quotas dquot_6.6.0
[ 1.091066] VFS: Dquot-cache hash table entries: 512 (order 0, 4096 bytes)
[ 1.092393] cryptomgr_test (103) used greatest stack depth: 15216 bytes left
[ 1.092780] Key type asymmetric registered
[ 1.092962] Asymmetric key parser 'x509' registered
[ 1.093231] Block layer SCSI generic (bsg) driver version 0.4 loaded (major 252)
[ 1.093551] io scheduler noop registered
[ 1.093731] io scheduler deadline registered
[ 1.094011] io scheduler cfq registered (default)
[ 1.094758] pci_hotplug: PCI Hot Plug PCI Core version: 0.5
[ 1.095002] ipmi message handler version 39.2
[ 1.095195] ipmi device interface
[ 1.095388] IPMI System Interface driver.
[ 1.095578] ipmi_si 0000:01:04.6: probing via PCI
[ 1.095861] ipmi_si 0000:01:04.6: [mem 0xfb7f0000-0xfb7f00ff] regsize 1 spacing 1 irq 21
[ 1.096191] ipmi_si: Adding PCI-specified kcs state machine
```

```
[ 1.096191] ipmi_si: Adding PCI-specified kcs state machine
[ 1.096437] ipmi_si: probing via ACPI
[ 1.096628] ipmi_si 00:01: [io 0x0ca2-0x0ca3] regsize 1 spacing 1 irq 0
[ 1.096809] ipmi_si: Adding ACPI-specified kcs state machine
[ 1.097032] ipmi_si: probing via SMBIOS
[ 1.097224] ipmi_si: SMBIOS: io 0xca2 regsize 1 spacing 1 irq 0
[ 1.097404] ipmi_si: Adding SMBIOS-specified kcs state machine duplicate interface
[ 1.097755] ipmi_si: probing via SPMI
[ 1.097931] ipmi_si: SPMI: io 0xca2 regsize 2 spacing 2 irq 0
[ 1.098110] ipmi_si: Adding SPMI-specified kcs state machine duplicate interface
[ 1.098479] ipmi_si: Trying PCI-specified kcs state machine at mem address 0xfb7f0000, slave address 0x0, irq 21
[ 1.342312] ipmi_si 0000:01:04.6: Using irq 21
[ 1.633414] ipmi_si 0000:01:04.6: Found new BMC (man_id: 0x00000b, prod_id: 0x2000, dev_id: 0x11)
[ 1.633825] ipmi_si 0000:01:04.6: IPMI kcs interface initialized
[ 1.635015] IPMI Watchdog: driver initialized
[ 1.635194] Copyright (C) 2004 MontaVista Software - IPMI Powerdown via sys_reboot.
[ 1.837609] IPMI poweroff: ATCA Detect mfg 0xB prod 0x2000
[ 1.837788] IPMI poweroff: Unable to find a poweroff function that will work, giving up
[ 1.842678] input: Power Button as /devices/LNXSYSTM:00/LNXPWRBN:00/input/inp
```

```
[ 1.842678] input: Power Button as /devices/LNXSYSTM:00/LNXPWRBN:00/input/input0
[ 1.842991] ACPI: Power Button [PWRB]
[ 1.846556] thermal LNX_THERM:00: registered as thermal_zone0
[ 1.846748] ACPI: Thermal Zone [THM0] (8 C)
[ 1.846992] Serial: 8250/16550 driver, 4 ports, IRQ sharing enabled
[ 1.867782] 00:04: ttyS0 at I/O 0x3f8 (irq = 4, base_baud = 115200) is a 16550A
[ 2.083714] tsc: Refined TSC clocksource calibration: 2266.746 MHz
[ 2.083896] clocksource tsc: mask: 0xffffffffffffffff max_cycles: 0x20ac7f6ec6, max_idle_ns: 440795315461 ns
[ 2.132852] serial8250: ttyS1 at I/O 0x2f8 (irq = 3, base_baud = 115200) is a 16550A
[ 2.134542] Non-volatile memory driver v1.3
[ 2.137407] i8042: PNP: PS/2 Controller [PNP0303:KBD,PNP0f0e:PS2M] at 0x60,0x64 irq 1,12
[ 2.139537] serio: i8042 KBD port at 0x60,0x64 irq 1
[ 2.139724] serio: i8042 AUX port at 0x60,0x64 irq 12
[ 2.140136] mousedev: PS/2 mouse device common for all mice
[ 2.140566] rtc_cmos 00:05: RTC can wake from S4
[ 2.141083] rtc_cmos 00:05: rtc core: registered rtc_cmos as rtc0
[ 2.141294] rtc_cmos 00:05: alarms up to one year, y3k, 114 bytes nvram, hpet irqs
[ 2.141824] device-mapper: uevent: version 1.0.3
[ 2.142281] device-mapper: ioctl: 4.31.0-ioctl (2015-3-12) initialised: dm-devel@redhat.com
```



```
[ 2.142281] device-mapper: ioctl: 4.31.0-ioctl (2015-3-12) initialised: dm-devel@redhat.com
[ 2.142667] hidraw: raw HID events driver (C) Jiri Kosina
[ 2.143191] Initializing XFRM netlink socket
[ 2.143676] NET: Registered protocol family 10
[ 2.144599] ip6_tables: (C) 2000-2006 Netfilter Core Team
[ 2.144869] sit: IPv6 over IPv4 tunneling driver
[ 2.145253] NET: Registered protocol family 17
[ 2.145441] NET: Registered protocol family 15
[ 2.146836] Loading compiled-in X.509 certificates
[ 2.148574] Loaded X.509 cert 'Build time autogenerated kernel key: a7dd1ff8323d67ba257bd8e4d2f32460522b4e57'
[ 2.148970] registered taskstats version 1
[ 2.150499] console [netcon0] enabled
[ 2.150677] netconsole: network logging started
[ 2.155563] Freeing unused kernel memory: 1288K (fffffff8196b0000 - ffffff81aad000)
[ 2.157453] uname (119) used greatest stack depth: 13792 bytes left
[ 2.158453] echo (121) used greatest stack depth: 13696 bytes left
[ 2.164058] cut (132) used greatest stack depth: 13472 bytes left
[ 2.304519] NMI: PCI system error (SERR) for reason a1 on CPU 0.
[ 2.304711] Dazed and confused, but trying to continue
>> Activating mdev
>> Loading modules
:: Loading from pata:
```

```
:: Loading from pata:
:: Loading from sata: ata_piix
:: Loading from scsi: sd_mod sg sr_mod cciss hpsa scsi_transport_fc
:: Loading from usb: ehci-pci ehci-hcd usb-storage uhci-hcd ohci-hcd usbhid h
id-generic
:: Loading from firewire:
:: Loading from waitscan:
:: Loading from dmraid: dm-mirror dm-crypt
:: Loading from mdadm: dm-snapshot dm-mirror dm-raid dm-crypt raid1 raid456 r
aid5 raid6 raid10
:: Loading from fs: btrfs jfs nfs xfs fuse
:: Loading from net: e1000
:: Loading from iscsi: scsi_transport_iscsi libiscsi iscsi_tcp
:: Loading from crypto: aes-x86_64 xts
>> Loading keymaps
>> Loading the ''de'' keymap
>> Determining root device...
>> Detected real_root=/dev/sda2
>> Mounting /dev/sda2 as root...
>> Using mount -t ext4 -o ro
>> Booting (initramfs)

Welcome to Centoo/Linux!
```