

Print file information:

RUN_IN_PLACE=no
LINUXCNC_DIR=
LINUXCNC_BIN_DIR=/usr/bin
LINUXCNC_TCL_DIR=/usr/lib/tcltk/linuxcnc
LINUXCNC_SCRIPT_DIR=
LINUXCNC_RT_LIB_DIR=/usr/realtime-3.4-9-rtai-686-pae/modules/linuxcnc
LINUXCNC_CONFIG_DIR=
LINUXCNC_LANG_DIR=/usr/share/linuxcnc/tcl/msgs
INIVAR=inivar
HALCMD=halcmd
LINUXCNC_EMCSH=/usr/bin/wish8.5
LINUXCNC - 2.7.14
Machine configuration directory is '/home/mike/linuxcnc/configs/CarveZilla'
Machine configuration file is 'CarveZilla.ini'
INIFILE=/home/mike/linuxcnc/configs/CarveZilla/CarveZilla.ini
PARAMETER_FILE=linuxcnc.var
TASK=milltask
HALUI=halui
DISPLAY=axis
Starting LinuxCNC...
Starting LinuxCNC server program: linuxcncsvr
Loading Real Time OS, RTAPI, and HAL_LIB modules
Starting LinuxCNC IO program: io
Starting HAL User Interface program: halui
Found file(LIB): /usr/share/linuxcnc/hallib/xhc-hb04.tcl
Shutting down and cleaning up LinuxCNC...
Killing task linuxcncsvr, PID=5214
xhc-hb04: waiting for XHC-HB04 device
xhc-hb04: found XHC-HB04 device
xhc-hb04: connection lost, cleaning up
[timestamp] [threadID] facility level [function call] <message>

Removing HAL_LIB, RTAPI, and Real Time OS modules
Removing NML shared memory segments

Debug file information:

.
HAL: ERROR: thread 'servo-thread' not found
addf failed
 while executing
"hal addf pendant_util servo-thread"
 ("eval" body line 1)
 invoked from within
"eval hal addf \$args"
 (procedure "addf" line 1)
 invoked from within
"addf pendant_util \$::XHC_HB04_CONFIG(threadname)"
 (file "/usr/share/linuxcnc/hallib/xhc-hb04.tcl" line 552)
 invoked from within
"source \$filename"
 invoked from within

```
"set result [source $filename]"
(file "/usr/bin/haltcl" line 55)
5214
```

```
PID TTY STAT TIME COMMAND
```

```
Stopping realtime threads
```

```
Unloading hal components
```

```
[ 0.000000] [0000147f] libusb: error [do_close] Device handle closed while transfer was still being processed, but the device is still connected as far as we know
```

```
[ 0.000169] [0000147f] libusb: warning [do_close] A cancellation for an in-flight transfer hasn't completed but closing the device handle
```

```
Kernel message information:
```

```
[ 0.000000] Initializing cgroup subsys cpuset
```

```
[ 0.000000] Initializing cgroup subsys cpu
```

```
[ 0.000000] Linux version 3.4-9-rtai-686-pae (Debian 3.4.55-4linuxcnc) () (gcc version 4.6.3 (Debian 4.6.3-14) ) #1 SMP PREEMPT Debian 3.4.55-4linuxcnc
```

```
[ 0.000000] Atom PSE erratum detected, BIOS microcode update recommended
```

```
[ 0.000000] Disabled fast string operations
```

```
[ 0.000000] BIOS-provided physical RAM map:
```

```
[ 0.000000] BIOS-e820: 0000000000000000 - 000000000008f000 (usable)
```

```
[ 0.000000] BIOS-e820: 000000000008f000 - 00000000000a0000 (reserved)
```

```
[ 0.000000] BIOS-e820: 00000000000e0000 - 0000000000100000 (reserved)
```

```
[ 0.000000] BIOS-e820: 0000000000100000 - 000000007f533000 (usable)
```

```
[ 0.000000] BIOS-e820: 000000007f533000 - 000000007f53b000 (reserved)
```

```
[ 0.000000] BIOS-e820: 000000007f53b000 - 000000007f5cb000 (usable)
```

```
[ 0.000000] BIOS-e820: 000000007f5cb000 - 000000007f5cf000 (reserved)
```

```
[ 0.000000] BIOS-e820: 000000007f5cf000 - 000000007f660000 (usable)
```

```
[ 0.000000] BIOS-e820: 000000007f660000 - 000000007f6f0000 (ACPI NVS)
```

```
[ 0.000000] BIOS-e820: 000000007f6f0000 - 000000007f6f3000 (usable)
```

```
[ 0.000000] BIOS-e820: 000000007f6f3000 - 000000007f6ff000 (ACPI data)
```

```
[ 0.000000] BIOS-e820: 000000007f6ff000 - 000000007f700000 (usable)
```

```
[ 0.000000] BIOS-e820: 000000007f700000 - 0000000080000000 (reserved)
```

```
[ 0.000000] BIOS-e820: 00000000f0000000 - 0000000100000000 (reserved)
```

```
[ 0.000000] Notice: NX (Execute Disable) protection cannot be enabled: non-PAE kernel!
```

```
[ 0.000000] SMBIOS 2.4 present.
```

```
[ 0.000000] DMI: /D945GCLF, BIOS LF94510J.86A.0103.2008.0814.1910
```

```
08/14/2008
```

```
[ 0.000000] e820 update range: 0000000000000000 - 0000000000010000 (usable) ==> (reserved)
```

```
[ 0.000000] e820 remove range: 00000000000a0000 - 0000000000100000 (usable)
```

```
[ 0.000000] last_pfn = 0x7f700 max_arch_pfn = 0x100000
```

```
[ 0.000000] MTRR default type: uncachable
```

```
[ 0.000000] MTRR fixed ranges enabled:
```

```
[ 0.000000] 00000-9FFFF write-back
```

```
[ 0.000000] A0000-DFFFF uncachable
```

```
[ 0.000000] E0000-E0FFF write-protect
```

```
[ 0.000000] E1000-E7FFF uncachable
```

```
[ 0.000000] E8000-E8FFF write-protect
```

```
[ 0.000000] E9000-EFFFF uncachable
```

```
[ 0.000000] F0000-F0FFF write-protect
```

```
[ 0.000000] F1000-F7FFF uncachable
```

```
[ 0.000000] F8000-F8FFF write-protect
```

```
[ 0.000000] F9000-FFFFFF uncachable
```

```
[ 0.000000] MTRR variable ranges enabled:
[ 0.000000] 0 base 000000000 mask 080000000 write-back
[ 0.000000] 1 base 07F800000 mask 0FF800000 uncachable
[ 0.000000] 2 base 07F700000 mask 0FFF00000 uncachable
[ 0.000000] 3 disabled
[ 0.000000] 4 disabled
[ 0.000000] 5 disabled
[ 0.000000] 6 disabled
[ 0.000000] 7 disabled
[ 0.000000] x86 PAT enabled: cpu 0, old 0x7040600070406, new 0x7010600070106
[ 0.000000] found SMP MP-table at [c00fe200] fe200
[ 0.000000] initial memory mapped : 0 - 01800000
[ 0.000000] Base memory trampoline at [c008b000] 8b000 size 16384
[ 0.000000] init_memory_mapping: 0000000000000000-00000000377fe000
[ 0.000000] 0000000000 - 00377fe000 page 4k
[ 0.000000] kernel direct mapping tables up to 0x377fdfff @ [mem 0x0171e000-0x017ffff]
[ 0.000000] RAMDISK: 36524000 - 3728a000
[ 0.000000] ACPI: RSDP 000fe020 00014 (v00 INTEL )
[ 0.000000] ACPI: RSDT 7f6fd038 00038 (v01 INTEL D945GLF 00000067 01000013)
[ 0.000000] ACPI: FACP 7f6fc000 00074 (v01 INTEL D945GLF 00000067 MSFT 01000013)
[ 0.000000] ACPI: DSDT 7f6f7000 04787 (v01 INTEL D945GLF 00000067 MSFT 01000013)
[ 0.000000] ACPI: FACS 7f6a3000 00040
[ 0.000000] ACPI: APIC 7f6f6000 00078 (v01 INTEL D945GLF 00000067 MSFT 01000013)
[ 0.000000] ACPI: WDDT 7f6f5000 00040 (v01 INTEL D945GLF 00000067 MSFT 01000013)
[ 0.000000] ACPI: MCFG 7f6f4000 0003C (v01 INTEL D945GLF 00000067 MSFT 01000013)
[ 0.000000] ACPI: ASF! 7f6f3000 000A6 (v32 INTEL D945GLF 00000067 MSFT 01000013)
[ 0.000000] ACPI: Local APIC address 0xfe00000
[ 0.000000] 1151MB HIGHMEM available.
[ 0.000000] 887MB LOWMEM available.
[ 0.000000] mapped low ram: 0 - 377fe000
[ 0.000000] low ram: 0 - 377fe000
[ 0.000000] Zone PFN ranges:
[ 0.000000] DMA 0x00000010 -> 0x00001000
[ 0.000000] Normal 0x00001000 -> 0x000377fe
[ 0.000000] HighMem 0x000377fe -> 0x0007f700
[ 0.000000] Movable zone start PFN for each node
[ 0.000000] Early memory PFN ranges
[ 0.000000] 0: 0x00000010 -> 0x0000008f
[ 0.000000] 0: 0x00000100 -> 0x00007f533
[ 0.000000] 0: 0x00007f53b -> 0x00007f5cb
[ 0.000000] 0: 0x00007f5cf -> 0x00007f660
[ 0.000000] 0: 0x00007f6f0 -> 0x00007f6f3
[ 0.000000] 0: 0x00007f6ff -> 0x00007f700
[ 0.000000] On node 0 totalpages: 521687
[ 0.000000] free_area_init_node: node 0, pgdat c1498a00, node_mem_map f5534200
[ 0.000000] DMA zone: 32 pages used for memmap
[ 0.000000] DMA zone: 0 pages reserved
[ 0.000000] DMA zone: 3935 pages, LIFO batch:0
[ 0.000000] Normal zone: 1744 pages used for memmap
[ 0.000000] Normal zone: 221486 pages, LIFO batch:31
[ 0.000000] HighMem zone: 2303 pages used for memmap
[ 0.000000] HighMem zone: 292187 pages, LIFO batch:31
```

```
[ 0.000000] Using APIC driver default
[ 0.000000] ACPI: PM-Timer IO Port: 0x408
[ 0.000000] ACPI: Local APIC address 0xfe00000
[ 0.000000] ACPI: LAPIC (acpi_id[0x01] lapic_id[0x00] enabled)
[ 0.000000] ACPI: LAPIC (acpi_id[0x02] lapic_id[0x01] enabled)
[ 0.000000] ACPI: LAPIC (acpi_id[0x03] lapic_id[0x82] disabled)
[ 0.000000] ACPI: LAPIC (acpi_id[0x04] lapic_id[0x83] disabled)
[ 0.000000] ACPI: LAPIC_NMI (acpi_id[0x01] dfl dfl lint[0x1])
[ 0.000000] ACPI: LAPIC_NMI (acpi_id[0x02] dfl dfl lint[0x1])
[ 0.000000] ACPI: IOAPIC (id[0x02] address[0xfec00000] gsi_base[0])
[ 0.000000] IOAPIC[0]: apic_id 2, version 32, address 0xfec00000, GSI 0-23
[ 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] SMP: Allowing 4 CPUs, 2 hotplug CPUs
[ 0.000000] nr_irqs_gsi: 40
[ 0.000000] PM: Registered nosave memory: 000000000008f000 - 00000000000a0000
[ 0.000000] PM: Registered nosave memory: 00000000000a0000 - 00000000000e0000
[ 0.000000] PM: Registered nosave memory: 00000000000e0000 - 0000000000100000
[ 0.000000] Allocating PCI resources starting at 80000000 (gap: 80000000:70000000)
[ 0.000000] setup_percpu: NR_CPUS:8 nr_cpumask_bits:8 nr_cpu_ids:4 nr_node_ids:1
[ 0.000000] PERCPU: Embedded 17 pages/cpu @f77ad000 s48384 r0 d21248 u69632
[ 0.000000] pcpu-alloc: s48384 r0 d21248 u69632 alloc=17*4096
[ 0.000000] pcpu-alloc: [0] 0 [0] 1 [0] 2 [0] 3
[ 0.000000] Built 1 zonelists in Zone order, mobility grouping on. Total pages: 517608
[ 0.000000] Kernel command line: BOOT_IMAGE=/boot/vmlinuz-3.4-9-rtai-686-pae
root=UUID=a0b7939a-e6de-4ed3-a077-2ead6cf1de29 ro initrd=/install/gtk/initrd.gz lapic quiet
rootdelay=5
[ 0.000000] PID hash table entries: 4096 (order: 2, 16384 bytes)
[ 0.000000] Dentry cache hash table entries: 131072 (order: 7, 524288 bytes)
[ 0.000000] Inode-cache hash table entries: 65536 (order: 6, 262144 bytes)
[ 0.000000] Initializing CPU#0
[ 0.000000] allocated 4175744 bytes of page_cgroup
[ 0.000000] please try 'cgroup_disable=memory' option if you don't want memory cgroups
[ 0.000000] Initializing HighMem for node 0 (000377fe:0007f700)
[ 0.000000] Memory: 2044784k/2087936k available (3495k kernel code, 41964k reserved, 1237k
data, 416k init, 1177960k highmem)
[ 0.000000] virtual kernel memory layout:
[ 0.000000]   fixmap : 0xffff17000 - 0xfffff000 ( 928 kB)
[ 0.000000]   pkmap : 0xff800000 - 0xffc00000 (4096 kB)
[ 0.000000]   vmalloc : 0xf7ffe000 - 0xff7fe000 ( 120 MB)
[ 0.000000]   lowmem : 0xc0000000 - 0xf77fe000 ( 887 MB)
[ 0.000000]     .init : 0xc14a0000 - 0xc1508000 ( 416 kB)
[ 0.000000]     .data : 0xc1369d4a - 0xc149f480 (1237 kB)
[ 0.000000]     .text : 0xc1000000 - 0xc1369d4a (3495 kB)
[ 0.000000] Checking if this processor honours the WP bit even in supervisor mode...Ok.
[ 0.000000] Preemptible hierarchical RCU implementation.
[ 0.000000] RCU dyntick-idle grace-period acceleration is enabled.
[ 0.000000] NR_IRQS:2304 nr_irqs:712 16
```

```
[ 0.000000] CPU 0 irqstacks, hard=f5006000 soft=f5008000
[ 0.000000] Interrupt pipeline (release #3)
[ 0.000000] Console: colour VGA+ 80x25
[ 0.000000] console [tty0] enabled
[ 0.000000] Fast TSC calibration using PIT
[ 0.000000] Detected 1596.173 MHz processor.
[ 0.004005] Calibrating delay loop (skipped), value calculated using timer frequency.. 3192.34
BogoMIPS (lpj=6384692)
[ 0.004017] pid_max: default: 32768 minimum: 301
[ 0.004151] Security Framework initialized
[ 0.004163] AppArmor: AppArmor disabled by boot time parameter
[ 0.004216] Mount-cache hash table entries: 512
[ 0.004675] Initializing cgroup subsys cpuacct
[ 0.004684] Initializing cgroup subsys memory
[ 0.004707] Initializing cgroup subsys devices
[ 0.004713] Initializing cgroup subsys freezer
[ 0.004719] Initializing cgroup subsys net_cls
[ 0.004725] Initializing cgroup subsys blkio
[ 0.004742] Initializing cgroup subsys perf_event
[ 0.004805] Atom PSE erratum detected, BIOS microcode update recommended
[ 0.004812] Disabled fast string operations
[ 0.004820] CPU: Physical Processor ID: 0
[ 0.004825] CPU: Processor Core ID: 0
[ 0.004831] mce: CPU supports 5 MCE banks
[ 0.004845] CPU0: Thermal monitoring enabled (TM1)
[ 0.004935] ACPI: Core revision 20120320
[ 0.012130] Enabling APIC mode: Flat. Using 1 I/O APICs
[ 0.012544] ..TIMER: vector=0x30 apic1=0 pin1=2 apic2=-1 pin2=-1
[ 0.052491] CPU0: Intel(R) Atom(TM) CPU 230 @ 1.60GHz stepping 02
[ 0.056003] Performance Events: PEBS fmt0+, LBR disabled due to erratumAtom events, Intel
PMU driver.
[ 0.056003] ... version:          3
[ 0.056003] ... bit width:            40
[ 0.056003] ... generic registers:    2
[ 0.056003] ... value mask:          000000ffffffff
[ 0.056003] ... max period:          000000007fffffff
[ 0.056003] ... fixed-purpose events: 3
[ 0.056003] ... event mask:          0000000700000003
[ 0.064387] NMI watchdog: enabled, takes one hw-pmu counter.
[ 0.076066] CPU 1 irqstacks, hard=f50d4000 soft=f50d6000
[ 0.076073] Booting Node 0, Processors #1
[ 0.008000] Initializing CPU#1
[ 0.008000] Atom PSE erratum detected, BIOS microcode update recommended
[ 0.008000] Disabled fast string operations
[ 0.088087] NMI watchdog: enabled, takes one hw-pmu counter.
[ 0.088200] Brought up 2 CPUs
[ 0.088211] Total of 2 processors activated (6384.69 BogoMIPS).
[ 0.088731] devtmpfs: initialized
[ 0.088731] PM: Registering ACPI NVS region [mem 0x7f660000-0x7f6effff] (589824 bytes)
[ 0.088731] dummy:
[ 0.088731] NET: Registered protocol family 16
[ 0.088946] ACPI: bus type pci registered
```

[0.092051] PCI: MMCONFIG for domain 0000 [bus 00-7f] at [mem 0xf0000000-0xf7ffffff] (base 0xf0000000)
[0.092062] PCI: MMCONFIG at [mem 0xf0000000-0xf7ffffff] reserved in E820
[0.092068] PCI: Using MMCONFIG for extended config space
[0.092074] PCI: Using configuration type 1 for base access
[0.093664] bio: create slab <bio-0> at 0
[0.093664] ACPI: Added _OSI(Module Device)
[0.093664] ACPI: Added _OSI(Processor Device)
[0.093664] ACPI: Added _OSI(3.0 _SCP Extensions)
[0.093664] ACPI: Added _OSI(Processor Aggregator Device)
[0.097095] ACPI: EC: Look up EC in DSDT
[0.103389] ACPI: Interpreter enabled
[0.103407] ACPI: (supports S0 S1 S3 S4 S5)
[0.103489] ACPI: Using IOAPIC for interrupt routing
[0.115991] ACPI: No dock devices found.
[0.116024] PCI: Using host bridge windows from ACPI; if necessary, use "pci=nocrs" and report a bug
[0.118654] ACPI: PCI Root Bridge [PCI0] (domain 0000 [bus 00-ff])
[0.123769] pci_root PNP0A03:00: host bridge window [io 0x0000-0x0cf7]
[0.123779] pci_root PNP0A03:00: host bridge window [io 0x0d00-0xffff]
[0.123788] pci_root PNP0A03:00: host bridge window [mem 0x000a0000-0x000bffff]
[0.123796] pci_root PNP0A03:00: host bridge window [mem 0x000e0000-0x000effff]
[0.123804] pci_root PNP0A03:00: host bridge window [mem 0xf8000000-0xfebfffff]
[0.123812] pci_root PNP0A03:00: host bridge window [mem 0x80000000-0xf0000000]
[0.123929] PCI host bridge to bus 0000:00
[0.123938] pci_bus 0000:00: root bus resource [io 0x0000-0x0cf7]
[0.123946] pci_bus 0000:00: root bus resource [io 0x0d00-0xffff]
[0.123953] pci_bus 0000:00: root bus resource [mem 0x000a0000-0x000bffff]
[0.123961] pci_bus 0000:00: root bus resource [mem 0x000e0000-0x000effff]
[0.123969] pci_bus 0000:00: root bus resource [mem 0xf8000000-0xfebfffff]
[0.123977] pci_bus 0000:00: root bus resource [mem 0x80000000-0xf0000000]
[0.124024] pci 0000:00:00.0: [8086:2770] type 00 class 0x060000
[0.124114] pci 0000:00:02.0: [8086:2772] type 00 class 0x030000
[0.124139] pci 0000:00:02.0: reg 10: [mem 0x90200000-0x9027ffff]
[0.124153] pci 0000:00:02.0: reg 14: [io 0x20c0-0x20c7]
[0.124168] pci 0000:00:02.0: reg 18: [mem 0x80000000-0x8fffffff pref]
[0.124183] pci 0000:00:02.0: reg 1c: [mem 0x90280000-0x902bffff]
[0.124297] pci 0000:00:1b.0: [8086:27d8] type 00 class 0x040300
[0.124326] pci 0000:00:1b.0: reg 10: [mem 0x902c0000-0x902c3fff 64bit]
[0.124414] pci 0000:00:1b.0: PME# supported from D0 D3hot D3cold
[0.124461] pci 0000:00:1c.0: [8086:27d0] type 01 class 0x060400
[0.124551] pci 0000:00:1c.0: PME# supported from D0 D3hot D3cold
[0.124597] pci 0000:00:1c.2: [8086:27d4] type 01 class 0x060400
[0.124686] pci 0000:00:1c.2: PME# supported from D0 D3hot D3cold
[0.124734] pci 0000:00:1c.3: [8086:27d6] type 01 class 0x060400
[0.124824] pci 0000:00:1c.3: PME# supported from D0 D3hot D3cold
[0.124869] pci 0000:00:1d.0: [8086:27c8] type 00 class 0x0c0300
[0.124933] pci 0000:00:1d.0: reg 20: [io 0x2060-0x207f]
[0.124989] pci 0000:00:1d.1: [8086:27c9] type 00 class 0x0c0300
[0.125053] pci 0000:00:1d.1: reg 20: [io 0x2040-0x205f]
[0.125108] pci 0000:00:1d.3: [8086:27cb] type 00 class 0x0c0300
[0.125175] pci 0000:00:1d.3: reg 20: [io 0x2020-0x203f]

[0.125245] pci 0000:00:1d.7: [8086:27cc] type 00 class 0x0c0320
[0.125277] pci 0000:00:1d.7: reg 10: [mem 0x902c4000-0x902c43ff]
[0.125380] pci 0000:00:1d.7: PME# supported from D0 D3hot D3cold
[0.125418] pci 0000:00:1e.0: [8086:244e] type 01 class 0x060401
[0.125519] pci 0000:00:1f.0: [8086:27b8] type 00 class 0x060100
[0.125651] pci 0000:00:1f.0: Force enabled HPET at 0xfed00000
[0.125681] pci 0000:00:1f.0: ICH7 LPC Generic IO decode 1 PIO at 0680 (mask 007f)
[0.125737] pci 0000:00:1f.1: [8086:27df] type 00 class 0x01018a
[0.125761] pci 0000:00:1f.1: reg 10: [io 0x20b8-0x20bf]
[0.125779] pci 0000:00:1f.1: reg 14: [io 0x20d4-0x20d7]
[0.125797] pci 0000:00:1f.1: reg 18: [io 0x20b0-0x20b7]
[0.125814] pci 0000:00:1f.1: reg 1c: [io 0x20d0-0x20d3]
[0.125832] pci 0000:00:1f.1: reg 20: [io 0x2090-0x209f]
[0.125895] pci 0000:00:1f.2: [8086:27c0] type 00 class 0x01018f
[0.125921] pci 0000:00:1f.2: reg 10: [io 0x20a8-0x20af]
[0.125937] pci 0000:00:1f.2: reg 14: [io 0x20cc-0x20cf]
[0.125954] pci 0000:00:1f.2: reg 18: [io 0x20a0-0x20a7]
[0.125971] pci 0000:00:1f.2: reg 1c: [io 0x20c8-0x20cb]
[0.125987] pci 0000:00:1f.2: reg 20: [io 0x2080-0x208f]
[0.126036] pci 0000:00:1f.2: PME# supported from D3hot
[0.126066] pci 0000:00:1f.3: [8086:27da] type 00 class 0x0c0500
[0.126140] pci 0000:00:1f.3: reg 20: [io 0x2000-0x201f]
[0.126282] pci 0000:01:00.0: [10ec:8136] type 00 class 0x020000
[0.126311] pci 0000:01:00.0: reg 10: [io 0x1000-0x10ff]
[0.126353] pci 0000:01:00.0: reg 18: [mem 0x90100000-0x90100fff 64bit]
[0.126383] pci 0000:01:00.0: reg 20: [mem 0x90000000-0x9000ffff 64bit pref]
[0.126404] pci 0000:01:00.0: reg 30: [mem 0xfffe0000-0xffffffff pref]
[0.126462] pci 0000:01:00.0: supports D1 D2
[0.126469] pci 0000:01:00.0: PME# supported from D0 D1 D2 D3hot D3cold
[0.132043] pci 0000:00:1c.0: PCI bridge to [bus 01-01]
[0.132055] pci 0000:00:1c.0: bridge window [io 0x1000-0x1fff]
[0.132066] pci 0000:00:1c.0: bridge window [mem 0x90100000-0x901fffff]
[0.132079] pci 0000:00:1c.0: bridge window [mem 0x90000000-0x900fffff 64bit pref]
[0.132148] pci 0000:00:1c.2: PCI bridge to [bus 02-02]
[0.132228] pci 0000:00:1c.3: PCI bridge to [bus 03-03]
[0.132332] pci 0000:00:1e.0: PCI bridge to [bus 04-04] (subtractive decode)
[0.132351] pci 0000:00:1e.0: bridge window [io 0x0000-0x0cf7] (subtractive decode)
[0.132360] pci 0000:00:1e.0: bridge window [io 0x0d00-0xffff] (subtractive decode)
[0.132368] pci 0000:00:1e.0: bridge window [mem 0x000a0000-0x000bffff] (subtractive decode)
[0.132377] pci 0000:00:1e.0: bridge window [mem 0x000e0000-0x000effff] (subtractive decode)
[0.132385] pci 0000:00:1e.0: bridge window [mem 0xf8000000-0xfebfffff] (subtractive decode)
[0.132394] pci 0000:00:1e.0: bridge window [mem 0x80000000-0xf0000000] (subtractive decode)
[0.132426] pci_bus 0000:00: on NUMA node 0
[0.132438] ACPI: PCI Interrupt Routing Table [_SB_.PCI0._PRT]
[0.132990] ACPI: PCI Interrupt Routing Table [_SB_.PCI0.P32._PRT]
[0.133627] ACPI: PCI Interrupt Routing Table [_SB_.PCI0.PEX0._PRT]
[0.133813] ACPI: PCI Interrupt Routing Table [_SB_.PCI0.PEX2._PRT]
[0.133988] ACPI: PCI Interrupt Routing Table [_SB_.PCI0.PEX3._PRT]
[0.134287] pci0000:00: Unable to request _OSC control (_OSC support mask: 0x0f)

[0.148167] ACPI: PCI Interrupt Link [LNKA] (IRQs 3 4 5 7 9 10 *11 12)
[0.148388] ACPI: PCI Interrupt Link [LNKB] (IRQs 3 4 5 7 9 10 11 12) *0, disabled.
[0.148602] ACPI: PCI Interrupt Link [LNKC] (IRQs 3 4 5 7 *9 10 11 12)
[0.148810] ACPI: PCI Interrupt Link [LNKD] (IRQs 3 4 5 7 9 10 *11 12)
[0.149019] ACPI: PCI Interrupt Link [LNKE] (IRQs 3 4 5 7 9 10 11 12) *0, disabled.
[0.149238] ACPI: PCI Interrupt Link [LNKF] (IRQs 3 4 5 7 9 10 11 12) *0, disabled.
[0.149450] ACPI: PCI Interrupt Link [LNKG] (IRQs 3 4 5 7 *9 10 11 12)
[0.149664] ACPI: PCI Interrupt Link [LNKH] (IRQs 3 4 5 7 9 *10 11 12)
[0.149866] vgaarb: device added:
PCI:0000:00:02.0,decodes=io+mem,owns=io+mem,locks=none
[0.149866] vgaarb: loaded
[0.149866] vgaarb: bridge control possible 0000:00:02.0
[0.149866] PCI: Using ACPI for IRQ routing
[0.154054] PCI: pci_cache_line_size set to 64 bytes
[0.154179] Expanded resource reserved due to conflict with PCI Bus 0000:00
[0.154188] reserve RAM buffer: 000000000008f000 - 000000000008ffff
[0.154196] reserve RAM buffer: 000000007f533000 - 000000007fffffff
[0.154204] reserve RAM buffer: 000000007f5cb000 - 000000007fffffff
[0.154212] reserve RAM buffer: 000000007f660000 - 000000007fffffff
[0.154220] reserve RAM buffer: 000000007f6f3000 - 000000007fffffff
[0.154227] reserve RAM buffer: 000000007f700000 - 000000007fffffff
[0.154750] hpet clockevent registered
[0.154764] hpet0: at MMIO 0xfed00000, IRQs 2, 8, 0
[0.154781] hpet0: 3 comparators, 64-bit 14.318180 MHz counter
[0.156047] Switching to clocksource hpet
[0.156239] pnp: PnP ACPI init
[0.156279] ACPI: bus type pnp registered
[0.158911] pnp 00:00: [bus 00-ff]
[0.158922] pnp 00:00: [io 0x0cf8-0x0cff]
[0.158931] pnp 00:00: [io 0x0000-0x0cf7 window]
[0.158938] pnp 00:00: [io 0x0d00-0xffff window]
[0.158946] pnp 00:00: [mem 0x000a0000-0x000bffff window]
[0.158954] pnp 00:00: [mem 0x000e0000-0x000effff window]
[0.158962] pnp 00:00: [mem 0xf8000000-0xfebffff window]
[0.158969] pnp 00:00: [mem 0x80000000-0xf0000000 window]
[0.159099] pnp 00:00: Plug and Play ACPI device, IDs PNP0a03 (active)
[0.159140] pnp 00:01: [mem 0xf0000000-0xf3ffff]
[0.159148] pnp 00:01: [mem 0xfed13000-0xfed13fff]
[0.159155] pnp 00:01: [mem 0xfed14000-0xfed17fff]
[0.159162] pnp 00:01: [mem 0xfed18000-0xfed18fff]
[0.159170] pnp 00:01: [mem 0xfed19000-0xfed19fff]
[0.159177] pnp 00:01: [mem 0xfed1c000-0xfed1ffff]
[0.159184] pnp 00:01: [mem 0xfed20000-0xfed3ffff]
[0.159191] pnp 00:01: [mem 0xfed45000-0xfed99fff]
[0.159198] pnp 00:01: [mem 0x000c0000-0x000dffff]
[0.159207] pnp 00:01: [mem 0x000e0000-0x000fffff]
[0.159290] system 00:01: [mem 0xf0000000-0xf3ffff] could not be reserved
[0.159301] system 00:01: [mem 0xfed13000-0xfed13fff] has been reserved
[0.159310] system 00:01: [mem 0xfed14000-0xfed17fff] has been reserved
[0.159319] system 00:01: [mem 0xfed18000-0xfed18fff] has been reserved
[0.159328] system 00:01: [mem 0xfed19000-0xfed19fff] has been reserved
[0.159337] system 00:01: [mem 0xfed1c000-0xfed1ffff] has been reserved

[0.159346] system 00:01: [mem 0xfed20000-0xfed3ffff] has been reserved
[0.159355] system 00:01: [mem 0xfed45000-0xfed99fff] has been reserved
[0.159365] system 00:01: [mem 0x000c0000-0x000dffff] could not be reserved
[0.159374] system 00:01: [mem 0x000e0000-0x000fffff] could not be reserved
[0.159385] system 00:01: Plug and Play ACPI device, IDs PNP0c02 (active)
[0.159830] pnp 00:02: [io 0x0000-0x000f]
[0.159839] pnp 00:02: [io 0x0081-0x0083]
[0.159846] pnp 00:02: [io 0x0087]
[0.159852] pnp 00:02: [io 0x0089-0x008b]
[0.159859] pnp 00:02: [io 0x008f]
[0.159865] pnp 00:02: [io 0x00c0-0x00df]
[0.159873] pnp 00:02: [dma 4]
[0.159960] pnp 00:02: Plug and Play ACPI device, IDs PNP0200 (active)
[0.160004] pnp 00:03: [io 0x0070-0x0071]
[0.160033] pnp 00:03: [io 0x0074-0x0077]
[0.160056] pnp 00:03: [irq 8]
[0.160138] pnp 00:03: Plug and Play ACPI device, IDs PNP0b00 (active)
[0.160182] pnp 00:04: [io 0x00f0]
[0.160197] pnp 00:04: [irq 13]
[0.160281] pnp 00:04: Plug and Play ACPI device, IDs PNP0c04 (active)
[0.160332] pnp 00:05: [io 0x0061]
[0.160421] pnp 00:05: Plug and Play ACPI device, IDs PNP0800 (active)
[0.160461] pnp 00:06: [io 0x0500-0x053f]
[0.160468] pnp 00:06: [io 0x0400-0x047f]
[0.160475] pnp 00:06: [io 0x0092]
[0.160486] pnp 00:06: [io 0x0680-0x06ff]
[0.160492] pnp 00:06: [io 0x0010-0x001f]
[0.160499] pnp 00:06: [io 0x0072-0x0073]
[0.160506] pnp 00:06: [io 0x0080]
[0.160512] pnp 00:06: [io 0x0084-0x0086]
[0.160519] pnp 00:06: [io 0x0088]
[0.160525] pnp 00:06: [io 0x008c-0x008e]
[0.160532] pnp 00:06: [io 0x0090-0x009f]
[0.160666] system 00:06: [io 0x0500-0x053f] has been reserved
[0.160676] system 00:06: [io 0x0400-0x047f] has been reserved
[0.160685] system 00:06: [io 0x0680-0x06ff] has been reserved
[0.160695] system 00:06: Plug and Play ACPI device, IDs PNP0c02 (active)
[0.160837] pnp 00:07: [io 0x0060]
[0.160845] pnp 00:07: [io 0x0064]
[0.160969] system 00:07: Plug and Play ACPI device, IDs PNP0c02 (active)
[0.161814] pnp 00:08: [io 0x0378-0x037f]
[0.161822] pnp 00:08: [io 0x0778-0x077f]
[0.161840] pnp 00:08: [irq 7]
[0.161847] pnp 00:08: [dma 0 disabled]
[0.162051] pnp 00:08: Plug and Play ACPI device, IDs PNP0401 (active)
[0.162505] pnp 00:09: [io 0x03f8-0x03ff]
[0.162522] pnp 00:09: [irq 4]
[0.162731] pnp 00:09: Plug and Play ACPI device, IDs PNP0501 (active)
[0.162985] pnp 00:0a: [mem 0xfec00000-0xfec000ff]
[0.163087] pnp 00:0a: Plug and Play ACPI device, IDs PNP0003 (active)
[0.163266] pnp: PnP ACPI: found 11 devices
[0.163273] ACPI: ACPI bus type pnp unregistered

[0.163282] PnPBIOS: Disabled by ACPI PNP
[0.205505] pci 0000:01:00.0: no compatible bridge window for [mem 0xffffe0000-0xffffffff pref]
[0.205544] pci 0000:00:1c.2: bridge window [io 0x1000-0x0fff] to [bus 02-02] add_size 1000
[0.205556] pci 0000:00:1c.2: bridge window [mem 0x00100000-0x000fffff 64bit pref] to [bus 02-02] add_size 200000
[0.205572] pci 0000:00:1c.2: bridge window [mem 0x00100000-0x000fffff] to [bus 02-02] add_size 200000
[0.205590] pci 0000:00:1c.3: bridge window [io 0x1000-0x0fff] to [bus 03-03] add_size 1000
[0.205600] pci 0000:00:1c.3: bridge window [mem 0x00100000-0x000fffff 64bit pref] to [bus 03-03] add_size 200000
[0.205611] pci 0000:00:1c.3: bridge window [mem 0x00100000-0x000fffff] to [bus 03-03] add_size 200000
[0.205643] pci 0000:00:1c.2: res[14]=[mem 0x00100000-0x000fffff] get_res_add_size add_size 200000
[0.205652] pci 0000:00:1c.2: res[15]=[mem 0x00100000-0x000fffff 64bit pref] get_res_add_size add_size 200000
[0.205661] pci 0000:00:1c.3: res[14]=[mem 0x00100000-0x000fffff] get_res_add_size add_size 200000
[0.205671] pci 0000:00:1c.3: res[15]=[mem 0x00100000-0x000fffff 64bit pref] get_res_add_size add_size 200000
[0.205680] pci 0000:00:1c.2: res[13]=[io 0x1000-0x0fff] get_res_add_size add_size 1000
[0.205688] pci 0000:00:1c.3: res[13]=[io 0x1000-0x0fff] get_res_add_size add_size 1000
[0.205704] pci 0000:00:1c.2: BAR 14: assigned [mem 0x90300000-0x904fffff]
[0.205716] pci 0000:00:1c.2: BAR 15: assigned [mem 0x90500000-0x906fffff 64bit pref]
[0.205727] pci 0000:00:1c.3: BAR 14: assigned [mem 0x90700000-0x908fffff]
[0.205738] pci 0000:00:1c.3: BAR 15: assigned [mem 0x90900000-0x90afffff 64bit pref]
[0.205749] pci 0000:00:1c.2: BAR 13: assigned [io 0x3000-0x3fff]
[0.205759] pci 0000:00:1c.3: BAR 13: assigned [io 0x4000-0x4fff]
[0.205774] pci 0000:01:00.0: BAR 6: assigned [mem 0x90020000-0x9003ffff pref]
[0.205784] pci 0000:00:1c.0: PCI bridge to [bus 01-01]
[0.205792] pci 0000:00:1c.0: bridge window [io 0x1000-0x1fff]
[0.205804] pci 0000:00:1c.0: bridge window [mem 0x90100000-0x901fffff]
[0.205815] pci 0000:00:1c.0: bridge window [mem 0x90000000-0x900fffff 64bit pref]
[0.205828] pci 0000:00:1c.2: PCI bridge to [bus 02-02]
[0.205837] pci 0000:00:1c.2: bridge window [io 0x3000-0x3fff]
[0.205848] pci 0000:00:1c.2: bridge window [mem 0x90300000-0x904fffff]
[0.205859] pci 0000:00:1c.2: bridge window [mem 0x90500000-0x906fffff 64bit pref]
[0.205872] pci 0000:00:1c.3: PCI bridge to [bus 03-03]
[0.205880] pci 0000:00:1c.3: bridge window [io 0x4000-0x4fff]
[0.205892] pci 0000:00:1c.3: bridge window [mem 0x90700000-0x908fffff]
[0.205903] pci 0000:00:1c.3: bridge window [mem 0x90900000-0x90afffff 64bit pref]
[0.205916] pci 0000:00:1e.0: PCI bridge to [bus 04-04]
[0.206030] pci 0000:00:1e.0: setting latency timer to 64
[0.206041] pci_bus 0000:00: resource 4 [io 0x0000-0x0cf7]
[0.206049] pci_bus 0000:00: resource 5 [io 0x0d00-0xffff]
[0.206057] pci_bus 0000:00: resource 6 [mem 0x000a0000-0x000bffff]
[0.206064] pci_bus 0000:00: resource 7 [mem 0x000e0000-0x000effff]
[0.206072] pci_bus 0000:00: resource 8 [mem 0xf8000000-0xfebfffff]
[0.206080] pci_bus 0000:00: resource 9 [mem 0x80000000-0xf0000000]
[0.206088] pci_bus 0000:01: resource 0 [io 0x1000-0x1fff]
[0.206095] pci_bus 0000:01: resource 1 [mem 0x90100000-0x901fffff]
[0.206103] pci_bus 0000:01: resource 2 [mem 0x90000000-0x900fffff 64bit pref]

[0.206111] pci_bus 0000:02: resource 0 [io 0x3000-0x3fff]
[0.206119] pci_bus 0000:02: resource 1 [mem 0x90300000-0x904fffff]
[0.206127] pci_bus 0000:02: resource 2 [mem 0x90500000-0x906fffff 64bit pref]
[0.206135] pci_bus 0000:03: resource 0 [io 0x4000-0x4fff]
[0.206142] pci_bus 0000:03: resource 1 [mem 0x90700000-0x908fffff]
[0.206150] pci_bus 0000:03: resource 2 [mem 0x90900000-0x90afffff 64bit pref]
[0.206158] pci_bus 0000:04: resource 4 [io 0x0000-0x0cf7]
[0.206166] pci_bus 0000:04: resource 5 [io 0x0d00-0xffff]
[0.206173] pci_bus 0000:04: resource 6 [mem 0x000a0000-0x000bffff]
[0.206181] pci_bus 0000:04: resource 7 [mem 0x000e0000-0x000effff]
[0.206189] pci_bus 0000:04: resource 8 [mem 0xf8000000-0xfebfffff]
[0.206196] pci_bus 0000:04: resource 9 [mem 0x80000000-0xf0000000]
[0.206433] NET: Registered protocol family 2
[0.206612] IP route cache hash table entries: 32768 (order: 5, 131072 bytes)
[0.207187] TCP established hash table entries: 131072 (order: 8, 1048576 bytes)
[0.208247] TCP bind hash table entries: 65536 (order: 7, 524288 bytes)
[0.208730] TCP: Hash tables configured (established 131072 bind 65536)
[0.208739] TCP: reno registered
[0.208752] UDP hash table entries: 512 (order: 2, 16384 bytes)
[0.208774] UDP-Lite hash table entries: 512 (order: 2, 16384 bytes)
[0.209125] NET: Registered protocol family 1
[0.209173] pci 0000:00:02.0: Boot video device
[0.209527] PCI: CLS 64 bytes, default 64
[0.209672] Unpacking initramfs...
[0.869585] Freeing initrd memory: 13720k freed
[0.885113] audit: initializing netlink socket (disabled)
[0.885157] type=2000 audit(1550924321.884:1): initialized
[0.911485] highmem bounce pool size: 64 pages
[0.911500] HugeTLB registered 4 MB page size, pre-allocated 0 pages
[0.912167] VFS: Disk quotas dquot_6.5.2
[0.912252] Dquot-cache hash table entries: 1024 (order 0, 4096 bytes)
[0.912457] msgmni has been set to 1719
[0.912931] alg: No test for stdrng (krng)
[0.913032] Block layer SCSI generic (bsg) driver version 0.4 loaded (major 253)
[0.913042] io scheduler noop registered
[0.913048] io scheduler deadline registered
[0.913111] io scheduler cfq registered (default)
[0.913668] pci_hotplug: PCI Hot Plug PCI Core version: 0.5
[0.913729] pciehp: PCI Express Hot Plug Controller Driver version: 0.4
[0.913736] acpiphp: ACPI Hot Plug PCI Controller Driver version: 0.5
[0.914668] GHES: HEST is not enabled!
[0.914704] isapnp: Scanning for PnP cards...
[1.268185] isapnp: No Plug & Play device found
[1.268355] Serial: 8250/16550 driver, 4 ports, IRQ sharing enabled
[1.288835] serial8250: ttyS0 at I/O 0x3f8 (irq = 4) is a 16550A
[1.310081] 00:09: ttyS0 at I/O 0x3f8 (irq = 4) is a 16550A
[1.310518] Linux agpgart interface v0.103
[1.310751] agpgart-intel 0000:00:00.0: Intel 945G Chipset
[1.311086] agpgart-intel 0000:00:00.0: detected gtt size: 262144K total, 262144K mappable
[1.311339] agpgart-intel 0000:00:00.0: detected 8192K stolen memory
[1.311565] agpgart-intel 0000:00:00.0: AGP aperture is 256M @ 0x80000000
[1.311941] i8042: PNP: No PS/2 controller found. Probing ports directly.

[1.315202] serio: i8042 KBD port at 0x60,0x64 irq 1
[1.315292] serio: i8042 AUX port at 0x60,0x64 irq 12
[1.315657] mousedev: PS/2 mouse device common for all mice
[1.315778] rtc_cmos 00:03: RTC can wake from S4
[1.316057] rtc_cmos 00:03: rtc core: registered rtc_cmos as rtc0
[1.316104] rtc0: alarms up to one month, 114 bytes nvram, hpet irqs
[1.316410] TCP: cubic registered
[1.316593] NET: Registered protocol family 10
[1.317165] Mobile IPv6
[1.317175] NET: Registered protocol family 17
[1.317189] Registering the dns_resolver key type
[1.317300] Using IPI No-Shortcut mode
[1.317665] PM: Hibernation image not present or could not be loaded.
[1.317706] registered taskstats version 1
[1.318504] rtc_cmos 00:03: setting system clock to 2019-02-23 12:18:42 UTC (1550924322)
[1.318833] Freeing unused kernel memory: 416k freed
[1.319248] Write protecting the kernel text: 3496k
[1.319313] Write protecting the kernel read-only data: 984k
[1.353101] udevd[49]: starting version 175
[1.402344] usbcore: registered new interface driver usbfs
[1.402439] usbcore: registered new interface driver hub
[1.428432] usbcore: registered new device driver usb
[1.430109] ehci_hcd: USB 2.0 'Enhanced' Host Controller (EHCI) Driver
[1.430325] ehci_hcd 0000:00:1d.7: setting latency timer to 64
[1.430342] ehci_hcd 0000:00:1d.7: EHCI Host Controller
[1.430449] ehci_hcd 0000:00:1d.7: new USB bus registered, assigned bus number 1
[1.430517] ehci_hcd 0000:00:1d.7: using broken periodic workaround
[1.430543] ehci_hcd 0000:00:1d.7: debug port 1
[1.464147] ehci_hcd 0000:00:1d.7: cache line size of 64 is not supported
[1.464220] ehci_hcd 0000:00:1d.7: irq 23, io mem 0x902c4000
[1.465085] r8169 Gigabit Ethernet driver 2.3LK-NAPI loaded
[1.465884] r8169 0000:01:00.0: eth0: RTL8102e at 0xf802a000, 00:1c:c0:8d:45:45, XID
04a00000 IRQ 16
[1.475928] SCSI subsystem initialized
[1.476125] ehci_hcd 0000:00:1d.7: USB 2.0 started, EHCI 1.00
[1.476264] usb usb1: New USB device found, idVendor=1d6b, idProduct=0002
[1.476277] usb usb1: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[1.476288] usb usb1: Product: EHCI Host Controller
[1.476298] usb usb1: Manufacturer: Linux 3.4-9-rtai-686-pae ehci_hcd
[1.476308] usb usb1: SerialNumber: 0000:00:1d.7
[1.476793] hub 1-0:1.0: USB hub found
[1.476821] hub 1-0:1.0: 8 ports detected
[1.480442] uhci_hcd: USB Universal Host Controller Interface driver
[1.480592] uhci_hcd 0000:00:1d.0: setting latency timer to 64
[1.480609] uhci_hcd 0000:00:1d.0: UHCI Host Controller
[1.480653] uhci_hcd 0000:00:1d.0: new USB bus registered, assigned bus number 2
[1.480718] uhci_hcd 0000:00:1d.0: irq 23, io base 0x00002060
[1.480871] usb usb2: New USB device found, idVendor=1d6b, idProduct=0001
[1.480884] usb usb2: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[1.480894] usb usb2: Product: UHCI Host Controller
[1.480904] usb usb2: Manufacturer: Linux 3.4-9-rtai-686-pae uhci_hcd
[1.480913] usb usb2: SerialNumber: 0000:00:1d.0

[1.484153] hub 2-0:1.0: USB hub found
[1.484179] hub 2-0:1.0: 2 ports detected
[1.489758] uhci_hcd 0000:00:1d.1: setting latency timer to 64
[1.489775] uhci_hcd 0000:00:1d.1: UHCI Host Controller
[1.489813] uhci_hcd 0000:00:1d.1: new USB bus registered, assigned bus number 3
[1.489923] uhci_hcd 0000:00:1d.1: irq 19, io base 0x00002040
[1.490082] usb usb3: New USB device found, idVendor=1d6b, idProduct=0001
[1.490094] usb usb3: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[1.490105] usb usb3: Product: UHCI Host Controller
[1.490114] usb usb3: Manufacturer: Linux 3.4-9-rtai-686-pae uhci_hcd
[1.490125] usb usb3: SerialNumber: 0000:00:1d.1
[1.492925] hub 3-0:1.0: USB hub found
[1.492951] hub 3-0:1.0: 2 ports detected
[1.495500] uhci_hcd 0000:00:1d.3: setting latency timer to 64
[1.495518] uhci_hcd 0000:00:1d.3: UHCI Host Controller
[1.495558] uhci_hcd 0000:00:1d.3: new USB bus registered, assigned bus number 4
[1.495663] uhci_hcd 0000:00:1d.3: irq 16, io base 0x00002020
[1.495813] usb usb4: New USB device found, idVendor=1d6b, idProduct=0001
[1.495827] usb usb4: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[1.495837] usb usb4: Product: UHCI Host Controller
[1.495847] usb usb4: Manufacturer: Linux 3.4-9-rtai-686-pae uhci_hcd
[1.495856] usb usb4: SerialNumber: 0000:00:1d.3
[1.500404] hub 4-0:1.0: USB hub found
[1.500429] hub 4-0:1.0: 2 ports detected
[1.517883] libata version 3.00 loaded.
[1.519176] ata_piix 0000:00:1f.1: version 2.13
[1.519363] ata_piix 0000:00:1f.1: setting latency timer to 64
[1.523935] scsi0 : ata_piix
[1.528116] scsi1 : ata_piix
[1.530013] ata1: PATA max UDMA/100 cmd 0x1f0 ctl 0x3f6 bmdma 0x2090 irq 14
[1.530028] ata2: PATA max UDMA/100 cmd 0x170 ctl 0x376 bmdma 0x2098 irq 15
[1.532220] ata_piix 0000:00:1f.2: MAP [P0 P2 P1 P3]
[1.532395] ata_piix 0000:00:1f.2: setting latency timer to 64
[1.535260] ata2: port disabled--ignoring
[1.545803] scsi2 : ata_piix
[1.549077] scsi3 : ata_piix
[1.550036] ata3: SATA max UDMA/133 cmd 0x20a8 ctl 0x20cc bmdma 0x2080 irq 19
[1.550050] ata4: SATA max UDMA/133 cmd 0x20a0 ctl 0x20c8 bmdma 0x2088 irq 19
[1.580909] microcode: CPU0 sig=0x106c2, pf=0x4, revision=0x208
[1.661937] microcode: CPU0 updated to revision 0x218, date = 2009-04-10
[1.663146] microcode: CPU1 sig=0x106c2, pf=0x4, revision=0x208
[1.674134] microcode: CPU1 updated to revision 0x218, date = 2009-04-10
[1.675695] microcode: Microcode Update Driver: v2.00 <tigran@aivazian.fsnet.co.uk>, Peter Oruba
[1.692388] ata1.00: ATAPI: Optiarc DVD RW AD-7200A, 1.06, max UDMA/66
[1.715206] ata1.00: configured for UDMA/66
[1.717708] scsi 0:0:0:0: CD-ROM Optiarc DVD RW AD-7200A 1.06 PQ: 0 ANSI: 5
[1.721870] ata3.00: ATA-8: WDC WD1600AAJS-07WAA0, 58.01D58, max UDMA/133
[1.721882] ata3.00: 312581808 sectors, multi 16: LBA48 NCQ (depth 0/32)
[1.728906] ata3.00: configured for UDMA/133
[1.729184] scsi 2:0:0:0: Direct-Access ATA WDC WD1600AAJS-0 58.0 PQ: 0 ANSI: 5
[1.748574] sd 2:0:0:0: [sda] 312581808 512-byte logical blocks: (160 GB/149 GiB)

```
[ 1.748896] sd 2:0:0:0: [sda] Write Protect is off
[ 1.748910] sd 2:0:0:0: [sda] Mode Sense: 00 3a 00 00
[ 1.749048] sd 2:0:0:0: [sda] Write cache: enabled, read cache: enabled, doesn't support DPO or
FUA
[ 1.793445] sda: sda1 sda2 < sda5 >
[ 1.794750] sd 2:0:0:0: [sda] Attached SCSI disk
[ 1.798219] sr0: scsi3-mmc drive: 48x/48x writer dvd-ram cd/rw xa/form2 cdda tray
[ 1.798236] cdrom: Uniform CD-ROM driver Revision: 3.20
[ 1.798890] sr 0:0:0:0: Attached scsi CD-ROM sr0
[ 1.805338] sr 0:0:0:0: Attached scsi generic sg0 type 5
[ 1.805526] sd 2:0:0:0: Attached scsi generic sg1 type 0
[ 1.880045] Refined TSC clocksource calibration: 1596.084 MHz.
[ 1.880061] Switching to clocksource tsc
[ 2.140049] usb 2-1: new full-speed USB device number 2 using uhci_hcd
[ 2.321840] usb 2-1: New USB device found, idVendor=046d, idProduct=c52e
[ 2.321850] usb 2-1: New USB device strings: Mfr=1, Product=2, SerialNumber=0
[ 2.321857] usb 2-1: Product: USB Receiver
[ 2.321863] usb 2-1: Manufacturer: Logitech
[ 2.341676] input: Logitech USB Receiver as /devices/pci0000:00/0000:00:1d.0/usb2/2-1/2-
1:1.0/input/input0
[ 2.341962] generic-usb 0003:046D:C52E.0001: input,hidraw0: USB HID v1.11 Keyboard
[Logitech USB Receiver] on usb-0000:00:1d.0-1/input0
[ 2.354238] input: Logitech USB Receiver as /devices/pci0000:00/0000:00:1d.0/usb2/2-1/2-
1:1.1/input/input1
[ 2.354861] generic-usb 0003:046D:C52E.0002: input,hiddev0,hidraw1: USB HID v1.11 Mouse
[Logitech USB Receiver] on usb-0000:00:1d.0-1/input1
[ 2.354994] usbcore: registered new interface driver usbhid
[ 2.355004] usbhid: USB HID core driver
[ 2.564042] usb 4-2: new full-speed USB device number 2 using uhci_hcd
[ 2.717786] usb 4-2: New USB device found, idVendor=10ce, idProduct=eb70
[ 2.717796] usb 4-2: New USB device strings: Mfr=1, Product=0, SerialNumber=0
[ 2.717804] usb 4-2: Manufacturer: KTURT.LTD
[ 2.725122] generic-usb 0003:10CE:EB70.0003: hiddev0,hidraw2: USB HID v1.10 Device
[KTURT.LTD] on usb-0000:00:1d.3-2/input0
[ 7.121255] PM: Starting manual resume from disk
[ 7.121267] PM: Hibernation image partition 8:5 present
[ 7.121272] PM: Looking for hibernation image.
[ 7.121684] PM: Image not found (code -22)
[ 7.121691] PM: Hibernation image not present or could not be loaded.
[ 7.215558] EXT4-fs (sda1): mounted filesystem with ordered data mode. Opts: (null)
[ 9.529372] udevd[331]: starting version 175
[ 10.056357] input: Sleep Button as
/devices/LNXSYSTM:00/LNXXSYBUS:00/PNP0C0E:00/input/input2
[ 10.056381] ACPI: Sleep Button [SLPB]
[ 10.056682] input: Power Button as /devices/LNXSYSTM:00/LNXPWRBN:00/input/input3
[ 10.056701] ACPI: Power Button [PWRF]
[ 10.249641] intel_rng: Firmware space is locked read-only. If you can't or
[ 10.249648] intel_rng: don't want to disable this in firmware setup, and if
[ 10.249653] intel_rng: you are certain that your system has a functional
[ 10.249657] intel_rng: RNG, try using the 'no_fw_h_detect' option.
[ 10.345113] ACPI Warning: 0x00002000-0x0000201f SystemIO conflicts with Region
\_SB_.PCI0.LPC_.SMB1 1 (20120320/utaddress-251)
```

[10.345143] ACPI: If an ACPI driver is available for this device, you should use it instead of the native driver

[10.433523] iTCO_vendor_support: vendor-support=0

[10.533327] [drm] Initialized drm 1.1.0 20060810

[10.678817] parport_pc 00:08: reported by Plug and Play ACPI

[10.678896] parport0: PC-style at 0x378 (0x778), irq 7 [PCSPP,TRISTATE]

[10.699817] iTCO_wdt: Intel TCO WatchDog Timer Driver v1.07

[10.700159] iTCO_wdt: Found a ICH7 or ICH7R TCO device (Version=2, TCOBASE=0x0460)

[10.701367] iTCO_wdt: initialized. heartbeat=30 sec (nowayout=0)

[10.749664] i915 0000:00:02.0: setting latency timer to 64

[10.787324] leds_ss4200: no LED devices found

[10.836643] [drm] Supports vblank timestamp caching Rev 1 (10.10.2010).

[10.836655] [drm] Driver supports precise vblank timestamp query.

[10.837181] vgaarb: device changed decodes:

PCI:0000:00:02.0,olddecodes=io+mem,decodes=io+mem:owns=io+mem

[10.861616] [drm] initialized overlay support

[10.913714] fbcon: inteldrmfb (fb0) is primary device

[10.962545] Console: switching to colour frame buffer device 128x48

[10.972986] fb0: inteldrmfb frame buffer device

[10.972994] drm: registered panic notifier

[10.973015] [drm] Initialized i915 1.6.0 20080730 for 0000:00:02.0 on minor 0

[11.210050] input: HDA Digital PCBeep as /devices/pci0000:00/0000:00:1b.0/input/input4

[11.217448] input: HDA Intel Line as /devices/pci0000:00/0000:00:1b.0/sound/card0/input5

[11.217809] input: HDA Intel Front Mic as /devices/pci0000:00/0000:00:1b.0/sound/card0/input6

[11.218138] input: HDA Intel Rear Mic as /devices/pci0000:00/0000:00:1b.0/sound/card0/input7

[11.218464] input: HDA Intel Front Headphone as /devices/pci0000:00/0000:00:1b.0/sound/card0/input8

[11.218789] input: HDA Intel Line Out as /devices/pci0000:00/0000:00:1b.0/sound/card0/input9

[13.616016] Adding 4170748k swap on /dev/sda5. Priority:-1 extents:1 across:4170748k

[13.656426] EXT4-fs (sda1): re-mounted. Opts: (null)

[13.933466] EXT4-fs (sda1): re-mounted. Opts: errors=remount-ro

[14.167259] loop: module loaded

[16.874739] RPC: Registered named UNIX socket transport module.

[16.874752] RPC: Registered udp transport module.

[16.874760] RPC: Registered tcp transport module.

[16.874768] RPC: Registered tcp NFSv4.1 backchannel transport module.

[16.927068] FS-Cache: Loaded

[16.962030] NFS: Registering the id_resolver key type

[16.962102] FS-Cache: Netfs 'nfs' registered for caching

[16.979532] Installing knfsd (copyright (C) 1996 okir@monad.swb.de).

[19.662772] input: ACPI Virtual Keyboard Device as /devices/virtual/input/input10

[21.818933] Bluetooth: Core ver 2.16

[21.819541] NET: Registered protocol family 31

[21.819553] Bluetooth: HCI device and connection manager initialized

[21.819564] Bluetooth: HCI socket layer initialized

[21.819573] Bluetooth: L2CAP socket layer initialized

[21.819599] Bluetooth: SCO socket layer initialized

[21.859064] Bluetooth: RFCOMM TTY layer initialized

[21.859087] Bluetooth: RFCOMM socket layer initialized

[21.859097] Bluetooth: RFCOMM ver 1.11

[21.934040] Bluetooth: BNEP (Ethernet Emulation) ver 1.3

[21.934052] Bluetooth: BNEP filters: protocol multicast

[23.180914] lp0: using parport0 (interrupt-driven).
[23.235367] ppdev: user-space parallel port driver
[24.371844] r8169 0000:01:00.0: eth0: link down
[24.371863] r8169 0000:01:00.0: eth0: link down
[24.372591] ADDRCONF(NETDEV_UP): eth0: link is not ready
[26.032845] r8169 0000:01:00.0: eth0: link up
[26.033220] ADDRCONF(NETDEV_CHANGE): eth0: link becomes ready
[36.448021] eth0: no IPv6 routers present
[544.048852] I-pipe: head domain RTAI registered.
[544.048873] RTAI[hal]: compiled with gcc version 4.7.2 (Debian 4.7.2-5) .
[544.048967] RTAI[hal]: mounted (IPIPE-NOTHREADS, IMMEDIATE (INTERNAL IRQs DISPATCHED), ISOL_CPUS_MASK: 0).
[544.048981] SYSINFO: CPUs 2, LINUX APIC IRQ 2312, TIM_FREQ 8312760, CLK_FREQ 1596173000, CPU_FREQ 1596173000
[544.048992] RTAI_APIC_TIMER_IPI: RTAI DEFINED 2314, VECTOR 2314;
LINUX_APIC_TIMER_IPI: RTAI DEFINED 2312, VECTOR 2312
[544.049005] TIMER_NAME: lapic; VARIOUSLY FOUND APIC FREQs: 8312760, 8312760, 8255250
[544.103383] RTAI[malloc]: global heap size = 2097152 bytes, <BSD>.
[544.103492] , <uses LINUX SYSCALLs>, kstacks pool size = 524288 bytes.
[544.103505] RTAI[sched]: hard timer type/freq = APIC/8312760(Hz); default timing: oneshot; linear timed lists.
[544.103515] RTAI[sched]: Linux timer freq = 250 (Hz), TimeBase freq = 1596173000 hz.
[544.103522] RTAI[sched]: timer setup = 999 ns, resched latency = 2943 ns.
[544.129290] RTAI[math]: loaded.
[544.371890] config string '0 out'
[874.231878] RTAI[math]: unloaded.
[874.239342] SCHED releases registered named ALIEN PEDVSD
[874.267745] RTAI[malloc]: unloaded.
[874.364051] RTAI[sched]: unloaded (forced hard/soft/hard transitions: traps 0, syscalls 0).
[874.369578] I-pipe: head domain RTAI unregistered.
[874.369661] RTAI[hal]: unmounted.
[5637.892518] I-pipe: head domain RTAI registered.
[5637.892539] RTAI[hal]: compiled with gcc version 4.7.2 (Debian 4.7.2-5) .
[5637.892617] RTAI[hal]: mounted (IPIPE-NOTHREADS, IMMEDIATE (INTERNAL IRQs DISPATCHED), ISOL_CPUS_MASK: 0).
[5637.892630] SYSINFO: CPUs 2, LINUX APIC IRQ 2312, TIM_FREQ 8312760, CLK_FREQ 1596173000, CPU_FREQ 1596173000
[5637.892642] RTAI_APIC_TIMER_IPI: RTAI DEFINED 2314, VECTOR 2314;
LINUX_APIC_TIMER_IPI: RTAI DEFINED 2312, VECTOR 2312
[5637.892654] TIMER_NAME: lapic; VARIOUSLY FOUND APIC FREQs: 8312760, 8312760, 8253000
[5637.911491] RTAI[malloc]: global heap size = 2097152 bytes, <BSD>.
[5637.911613] , <uses LINUX SYSCALLs>, kstacks pool size = 524288 bytes.
[5637.911627] RTAI[sched]: hard timer type/freq = APIC/8312760(Hz); default timing: oneshot; linear timed lists.
[5637.911637] RTAI[sched]: Linux timer freq = 250 (Hz), TimeBase freq = 1596173000 hz.
[5637.911643] RTAI[sched]: timer setup = 999 ns, resched latency = 2943 ns.
[5637.943456] RTAI[math]: loaded.
[5776.443384] RTAI[math]: unloaded.
[5776.448722] SCHED releases registered named ALIEN PEDVSD
[5776.462288] RTAI[malloc]: unloaded.

[5776.560043] RTAI[sched]: unloaded (forced hard/soft/hard transitions: traps 0, syscalls 0).
[5776.565178] I-pipe: head domain RTAI unregistered.
[5776.565270] RTAI[hal]: unmounted.
[6162.279986] I-pipe: head domain RTAI registered.
[6162.280006] RTAI[hal]: compiled with gcc version 4.7.2 (Debian 4.7.2-5) .
[6162.280026] RTAI[hal]: mounted (IPIPE-NOTHREADS, IMMEDIATE (INTERNAL IRQs DISPATCHED), ISOL_CPUS_MASK: 0).
[6162.280026] SYSINFO: CPUs 2, LINUX APIC IRQ 2312, TIM_FREQ 8312760, CLK_FREQ 1596173000, CPU_FREQ 1596173000
[6162.280026] RTAI_APIC_TIMER_IPI: RTAI DEFINED 2314, VECTOR 2314;
LINUX_APIC_TIMER_IPI: RTAI DEFINED 2312, VECTOR 2312
[6162.280026] TIMER NAME: lapic; VARIOUSLY FOUND APIC FREQs: 8312760, 8312760, 8247250
[6162.299079] RTAI[malloc]: global heap size = 2097152 bytes, <BSD>.
[6162.299190] , <uses LINUX SYSCALLs>, kstacks pool size = 524288 bytes.
[6162.299203] RTAI[sched]: hard timer type/freq = APIC/8312760(Hz); default timing: oneshot; linear timed lists.
[6162.299213] RTAI[sched]: Linux timer freq = 250 (Hz), TimeBase freq = 1596173000 hz.
[6162.299220] RTAI[sched]: timer setup = 999 ns, resched latency = 2943 ns.
[6162.319019] RTAI[math]: loaded.
[6496.422062] RTAI[math]: unloaded.
[6496.427855] SCHED releases registered named ALIEN PEDV\$D
[6496.441678] RTAI[malloc]: unloaded.
[6496.540067] RTAI[sched]: unloaded (forced hard/soft/hard transitions: traps 0, syscalls 0).
[6496.546617] I-pipe: head domain RTAI unregistered.
[6496.546708] RTAI[hal]: unmounted.
[6804.849086] I-pipe: head domain RTAI registered.
[6804.849101] RTAI[hal]: compiled with gcc version 4.7.2 (Debian 4.7.2-5) .
[6804.849183] RTAI[hal]: mounted (IPIPE-NOTHREADS, IMMEDIATE (INTERNAL IRQs DISPATCHED), ISOL_CPUS_MASK: 0).
[6804.849193] SYSINFO: CPUs 2, LINUX APIC IRQ 2312, TIM_FREQ 8312760, CLK_FREQ 1596173000, CPU_FREQ 1596173000
[6804.849202] RTAI_APIC_TIMER_IPI: RTAI DEFINED 2314, VECTOR 2314;
LINUX_APIC_TIMER_IPI: RTAI DEFINED 2312, VECTOR 2312
[6804.849210] TIMER NAME: lapic; VARIOUSLY FOUND APIC FREQs: 8312760, 8312760, 8254250
[6804.867872] RTAI[malloc]: global heap size = 2097152 bytes, <BSD>.
[6804.867984] , <uses LINUX SYSCALLs>, kstacks pool size = 524288 bytes.
[6804.868000] RTAI[sched]: hard timer type/freq = APIC/8312760(Hz); default timing: oneshot; linear timed lists.
[6804.868089] RTAI[sched]: Linux timer freq = 250 (Hz), TimeBase freq = 1596173000 hz.
[6804.868098] RTAI[sched]: timer setup = 999 ns, resched latency = 2943 ns.
[6804.886160] RTAI[math]: loaded.
[6811.595193] RTAI[math]: unloaded.
[6811.600542] SCHED releases registered named ALIEN PEDV\$D
[6811.615484] RTAI[malloc]: unloaded.
[6811.712047] RTAI[sched]: unloaded (forced hard/soft/hard transitions: traps 0, syscalls 0).
[6811.718174] I-pipe: head domain RTAI unregistered.
[6811.718266] RTAI[hal]: unmounted.
[6956.714519] I-pipe: head domain RTAI registered.
[6956.714540] RTAI[hal]: compiled with gcc version 4.7.2 (Debian 4.7.2-5) .
[6956.714619] RTAI[hal]: mounted (IPIPE-NOTHREADS, IMMEDIATE (INTERNAL IRQs

DISPATCHED), ISOL_CPUS_MASK: 0).

[6956.714633] SYSINFO: CPUs 2, LINUX APIC IRQ 2312, TIM_FREQ 8312760, CLK_FREQ 1596173000, CPU_FREQ 1596173000

[6956.714645] RTAI_APIC_TIMER_IPI: RTAI DEFINED 2314, VECTOR 2314;
LINUX_APIC_TIMER_IPI: RTAI DEFINED 2312, VECTOR 2312

[6956.714658] TIMER NAME: lapic; VARIOUSLY FOUND APIC FREQs: 8312760, 8312760, 8211000

[6956.735657] RTAI[malloc]: global heap size = 2097152 bytes, <BSD>.
[6956.735832] , <uses LINUX SYSCALLs>, kstacks pool size = 524288 bytes.
[6956.735846] RTAI[sched]: hard timer type/freq = APIC/8312760(Hz); default timing: oneshot;
linear timed lists.

[6956.735856] RTAI[sched]: Linux timer freq = 250 (Hz), TimeBase freq = 1596173000 hz.
[6956.735863] RTAI[sched]: timer setup = 999 ns, resched latency = 2943 ns.
[6956.756233] RTAI[math]: loaded.
[6959.918888] RTAI[math]: unloaded.
[6959.924135] SCHED releases registered named ALIEN PEDVSD
[6959.937846] RTAI[malloc]: unloaded.
[6960.036052] RTAI[sched]: unloaded (forced hard/soft/hard transitions: traps 0, syscalls 0).
[6960.041331] I-pipe: head domain RTAI unregistered.
[6960.041423] RTAI[hal]: unmounted.
[6972.908814] I-pipe: head domain RTAI registered.
[6972.908835] RTAI[hal]: compiled with gcc version 4.7.2 (Debian 4.7.2-5) .
[6972.908912] RTAI[hal]: mounted (IPIPE-NOTHEADS, IMMEDIATE (INTERNAL IRQs DISPATCHED), ISOL_CPUS_MASK: 0).
[6972.908925] SYSINFO: CPUs 2, LINUX APIC IRQ 2312, TIM_FREQ 8312760, CLK_FREQ 1596173000, CPU_FREQ 1596173000

[6972.908937] RTAI_APIC_TIMER_IPI: RTAI DEFINED 2314, VECTOR 2314;
LINUX_APIC_TIMER_IPI: RTAI DEFINED 2312, VECTOR 2312

[6972.908950] TIMER NAME: lapic; VARIOUSLY FOUND APIC FREQs: 8312760, 8312760, 8217000

[6972.928070] RTAI[malloc]: global heap size = 2097152 bytes, <BSD>.
[6972.928230] , <uses LINUX SYSCALLs>, kstacks pool size = 524288 bytes.
[6972.928245] RTAI[sched]: hard timer type/freq = APIC/8312760(Hz); default timing: oneshot;
linear timed lists.

[6972.928255] RTAI[sched]: Linux timer freq = 250 (Hz), TimeBase freq = 1596173000 hz.
[6972.928262] RTAI[sched]: timer setup = 999 ns, resched latency = 2943 ns.
[6972.946978] RTAI[math]: loaded.
[6976.089081] RTAI[math]: unloaded.
[6976.094423] SCHED releases registered named ALIEN PEDVSD
[6976.107857] RTAI[malloc]: unloaded.
[6976.204048] RTAI[sched]: unloaded (forced hard/soft/hard transitions: traps 0, syscalls 0).
[6976.209189] I-pipe: head domain RTAI unregistered.
[6976.209281] RTAI[hal]: unmounted.
[7185.760217] I-pipe: head domain RTAI registered.
[7185.760238] RTAI[hal]: compiled with gcc version 4.7.2 (Debian 4.7.2-5) .
[7185.760312] RTAI[hal]: mounted (IPIPE-NOTHEADS, IMMEDIATE (INTERNAL IRQs DISPATCHED), ISOL_CPUS_MASK: 0).
[7185.760326] SYSINFO: CPUs 2, LINUX APIC IRQ 2312, TIM_FREQ 8312760, CLK_FREQ 1596173000, CPU_FREQ 1596173000

[7185.760337] RTAI_APIC_TIMER_IPI: RTAI DEFINED 2314, VECTOR 2314;
LINUX_APIC_TIMER_IPI: RTAI DEFINED 2312, VECTOR 2312

[7185.760350] TIMER NAME: lapic; VARIOUSLY FOUND APIC FREQs: 8312760, 8312760,

8244000

[7185.779363] RTAI[malloc]: global heap size = 2097152 bytes, <BSD>.
[7185.779484] , <uses LINUX SYSCALLs>, kstacks pool size = 524288 bytes.
[7185.779498] RTAI[sched]: hard timer type/freq = APIC/8312760(Hz); default timing: oneshot;
linear timed lists.
[7185.779508] RTAI[sched]: Linux timer freq = 250 (Hz), TimeBase freq = 1596173000 hz.
[7185.779515] RTAI[sched]: timer setup = 999 ns, resched latency = 2943 ns.
[7185.798076] RTAI[math]: loaded.
[7188.909853] RTAI[math]: unloaded.
[7188.915396] SCHED releases registered named ALIEN PEDV\$D
[7188.924544] RTAI[malloc]: unloaded.
[7189.024045] RTAI[sched]: unloaded (forced hard/soft/hard transitions: traps 0, syscalls 0).
[7189.029257] I-pipe: head domain RTAI unregistered.
[7189.029348] RTAI[hal]: unmounted.
[7363.485313] I-pipe: head domain RTAI registered.
[7363.485328] RTAI[hal]: compiled with gcc version 4.7.2 (Debian 4.7.2-5) .
[7363.485413] RTAI[hal]: mounted (IPIPE-NOTHEADS, IMMEDIATE (INTERNAL IRQs
DISPATCHED), ISOL_CPUS_MASK: 0).
[7363.485423] SYSINFO: CPUs 2, LINUX APIC IRQ 2312, TIM_FREQ 8312760, CLK_FREQ
1596173000, CPU_FREQ 1596173000
[7363.485431] RTAI_APIC_TIMER_IPI: RTAI DEFINED 2314, VECTOR 2314;
LINUX_APIC_TIMER_IPI: RTAI DEFINED 2312, VECTOR 2312
[7363.485440] TIMER_NAME: lapic; VARIOUSLY FOUND APIC FREQs: 8312760, 8312760,
8209250
[7363.504745] RTAI[malloc]: global heap size = 2097152 bytes, <BSD>.
[7363.504856] , <uses LINUX SYSCALLs>, kstacks pool size = 524288 bytes.
[7363.504870] RTAI[sched]: hard timer type/freq = APIC/8312760(Hz); default timing: oneshot;
linear timed lists.
[7363.504879] RTAI[sched]: Linux timer freq = 250 (Hz), TimeBase freq = 1596173000 hz.
[7363.504886] RTAI[sched]: timer setup = 999 ns, resched latency = 2943 ns.
[7363.523940] RTAI[math]: loaded.
[7366.619447] RTAI[math]: unloaded.
[7366.624889] SCHED releases registered named ALIEN PEDV\$D
[7366.635470] RTAI[malloc]: unloaded.
[7366.732042] RTAI[sched]: unloaded (forced hard/soft/hard transitions: traps 0, syscalls 0).
[7366.737209] I-pipe: head domain RTAI unregistered.
[7366.737301] RTAI[hal]: unmounted.