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[ 0.129701] ACPI: LAPIC_NMI (acpi_id[0x0b] high edge lint[0x1])
[ 0.129701] ACPI: LAPIC_NMI (acpi_id[0x0c] high edge lint[0x1])
[ 0.129765] IOAPIC[0]: apic_id 2, version 32, address 0xfec00000,
GSI 0-119
[ 0.129766] ACPI: INT_SRC_OVR (bus 0 bus_irq 0 global_irq 2 dfl
dfl)
[ 0.129767] ACPI: INT_SRC_OVR (bus 0 bus_irq 9 global_irq 9 high
level)
[ 0.129768] ACPI: IRQ0 used by override.
[ 0.129768] ACPI: IRQ9 used by override.
[ 0.129769] Using ACPI (MADT) for SMP configuration information
[ 0.129770] ACPI: HPET id: 0x8086a201 base: 0xfed00000
[ 0.129776] e820: update [mem 0x65bb0000-0x65bcafff] usable ==>
reserved
[ 0.129782] TSC deadline timer available
[ 0.129782] smpboot: Allowing 12 CPUs, 0 hotplug CPUs
[ 0.129798] PM: Registered nosave memory: [mem 0x00000000-
0x00000fff]
[ 0.129799] PM: Registered nosave memory: [mem 0x0009e000-
0x0009efff]
[ 0.129800] PM: Registered nosave memory: [mem 0x000a0000-
0x000fffff]
[ 0.129801] PM: Registered nosave memory: [mem 0x40000000-
0x403fffff]
[ 0.129802] PM: Registered nosave memory: [mem 0x5af11000-
0x5af11fff]
[ 0.129802] PM: Registered nosave memory: [mem 0x5af12000-
0x5af12fff]
[ 0.129803] PM: Registered nosave memory: [mem 0x65bb0000-
0x65bcafff]
[ 0.129804] PM: Registered nosave memory: [mem 0x6a998000-
0x6d7affff]
[ 0.129804] PM: Registered nosave memory: [mem 0x6d7b0000-
0x6d82cfff]
[ 0.129805] PM: Registered nosave memory: [mem 0x6d82d000-
0x6e1a1fff]
[ 0.129805] PM: Registered nosave memory: [mem 0x6e1a2000-
0x6fe21fff]
[ 0.129805] PM: Registered nosave memory: [mem 0x6fe22000-
0x6fffefff]
[ 0.129806] PM: Registered nosave memory: [mem 0x70000000-
0x77ffffff]
[ 0.129807] PM: Registered nosave memory: [mem 0x78e00000-
0x7f7ffffff]
[ 0.129807] PM: Registered nosave memory: [mem 0x7f800000-
0xefffffff]
[ 0.129808] PM: Registered nosave memory: [mem 0xf0000000-
0xf7ffffff]
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[ 0.129808] PM: Registered nosave memory: [mem 0xf8000000-0xfdfcffff]
[ 0.129808] PM: Registered nosave memory: [mem 0xfe000000-0xfe010fff]
[ 0.129808] PM: Registered nosave memory: [mem 0xfe011000-0xfebfffff]
[ 0.129809] PM: Registered nosave memory: [mem 0xfec00000-0xfec00fff]
[ 0.129809] PM: Registered nosave memory: [mem 0xfec01000-0xfedfffff]
[ 0.129809] PM: Registered nosave memory: [mem 0xfee00000-0xfee00fff]
[ 0.129809] PM: Registered nosave memory: [mem 0xfee01000-0xfefffff]
[ 0.129810] PM: Registered nosave memory: [mem 0xff000000-0xffffffff]
[ 0.129811] [mem 0x7f800000-0xefffff] available for PCI devices
[ 0.129811] Booting paravirtualized kernel on bare hardware
[ 0.129813] clocksource: refined-jiffies: mask: 0xffffffff
max_cycles: 0xffffffff, max_idle_ns: 7645519600211568 ns
[ 0.192710] random: get_random_bytes called from
start_kernel+0x93/0x52a with crng_init=0
[ 0.192716] setup_percpu: NR_CPUS:512 nr_cpumask_bits:512
nr_cpu_ids:12 nr_node_ids:1
[ 0.192901] percpu: Embedded 50 pages/cpu s165016 r8192 d31592
u262144
[ 0.192905] pcpu-alloc: s165016 r8192 d31592 u262144
alloc=1*2097152
[ 0.192906] pcpu-alloc: [0] 00 01 02 03 04 05 06 07 [0] 08 09 10 11
-- -- --
[ 0.192921] Built 1 zonelists, mobility grouping on. Total pages:
8159535
[ 0.192921] Policy zone: Normal
[ 0.192922] Kernel command line: BOOT_IMAGE=/boot/vmlinuz-4.19.0-
20-amd64 root=UUID=c67be9dc-c3bd-447f-a350-be0a9cddbba24 ro quiet
[ 0.195145] Calgary: detecting Calgary via BIOS EBDA area
[ 0.195146] Calgary: Unable to locate Rio Grande table in EBDA -
bailing!
[ 0.244694] Memory: 32435408K/33156308K available (10252K kernel
code, 1243K rdata, 3328K rodata, 1620K init, 2232K bss, 720900K
reserved, 0K cma-reserved)
[ 0.244757] SLUB: Hwalign=64, Order=0-3, MinObjects=0, CPUs=12,
Nodes=1
[ 0.244761] Kernel/User page tables isolation: enabled
[ 0.252469] ftrace: allocating 32023 entries in 126 pages
[ 0.260794] rcu: Hierarchical RCU implementation.
[ 0.260795] rcu: RCU restricting CPUs from NR_CPUS=512 to
nr_cpu_ids=12.
[ 0.260796] rcu: Adjusting geometry for rcu_fanout_leaf=16,
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nr_cpu_ids=12
[ 0.262550] NR_IRQS: 33024, nr_irqs: 2152, preallocated irqs: 16
[ 0.263001] Console: colour dummy device 80x25
[ 0.263004] console [tty0] enabled
[ 0.263014] ACPI: Core revision 20180810
[ 0.263478] clocksource: hpet: mask: 0xffffffff max_cycles:
0xffffffff, max_idle_ns: 79635855245 ns
[ 0.263549] hpet clockevent registered
[ 0.263621] APIC: Switch to symmetric I/O mode setup
[ 0.263622] DMAR: Host address width 39
[ 0.263623] DMAR: DRHD base: 0x000000fed90000 flags: 0x0
[ 0.263626] DMAR: dmar0: reg_base_addr fed90000 ver 1:0 cap
1c0000c40660462 ecap 19e2ff0505e
[ 0.263627] DMAR: DRHD base: 0x000000fed91000 flags: 0x1
[ 0.263629] DMAR: dmar1: reg_base_addr fed91000 ver 1:0 cap
d2008c40660462 ecap f050da
[ 0.263629] DMAR: RMRR base: 0x0000006d684000 end: 0x0000006d6a3fff
[ 0.263630] DMAR: RMRR base: 0x0000007b000000 end: 0x0000007f7fffff
[ 0.263630] DMAR: RMRR base: 0x0000006d730000 end: 0x0000006d7affff
[ 0.263631] DMAR-IR: IOAPIC id 2 under DRHD base 0xfed91000 IOMMU
1
[ 0.263632] DMAR-IR: HPET id 0 under DRHD base 0xfed91000
[ 0.263632] DMAR-IR: Queued invalidation will be enabled to support
x2apic and Intr-remapping.
[ 0.266671] DMAR-IR: Enabled IRQ remapping in x2apic mode
[ 0.266672] x2apic enabled
[ 0.266703] Switched APIC routing to cluster x2apic.
[ 0.276186] ..TIMER: vector=0x30 apic1=0 pin1=2 apic2=-1 pin2=-1
[ 0.295572] clocksource: tsc-early: mask: 0xffffffffffffffff
max_cycles: 0x255cb6cc5db, max_idle_ns: 440795203504 ns
[ 0.295579] Calibrating delay loop (skipped), value calculated
using timer frequency.. 5184.00 BogoMIPS (lpj=10368000)
[ 0.295581] pid_max: default: 32768 minimum: 301
[ 0.296829] Security Framework initialized
[ 0.296830] Yama: disabled by default; enable with sysctl
kernel.yama.*
[ 0.296842] AppArmor: AppArmor initialized
[ 0.299261] Dentry cache hash table entries: 4194304 (order: 13,
33554432 bytes)
[ 0.300462] Inode-cache hash table entries: 2097152 (order: 12,
16777216 bytes)
[ 0.300512] Mount-cache hash table entries: 65536 (order: 7, 524288
bytes)
[ 0.300550] Mountpoint-cache hash table entries: 65536 (order: 7,
524288 bytes)
[ 0.300674] ENERGY_PERF_BIAS: Set to 'normal', was 'performance'
[ 0.300674] ENERGY_PERF_BIAS: View and update with
x86_energy_perf_policy(8)
[ 0.300693] CPU0: Thermal monitoring enabled (TM1)
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[ 0.300709] process: using mwait in idle threads
[ 0.300710] Last level iTLB entries: 4KB 64, 2MB 8, 4MB 8
[ 0.300710] Last level dTLB entries: 4KB 64, 2MB 0, 4MB 0, 1GB 4
[ 0.300711] Spectre V1 : Mitigation: usercopy/swapgs barriers and
__user pointer sanitization
[ 0.300712] Spectre V2 : Mitigation: Retpolines
[ 0.300712] Spectre V2 : Spectre v2 / SpectreRSB mitigation:
Filling RSB on context switch
[ 0.300712] Spectre V2 : Enabling Restricted Speculation for
firmware calls
[ 0.300716] Spectre V2 : mitigation: Enabling conditional Indirect
Branch Prediction Barrier
[ 0.300716] Spectre V2 : User space: Mitigation: STIBP via seccomp
and prctl
[ 0.300717] Speculative Store Bypass: Mitigation: Speculative Store
Bypass disabled via prctl and seccomp
[ 0.300733] SRBDS: Mitigation: Microcode
[ 0.300734] MDS: Mitigation: Clear CPU buffers
[ 0.304445] Freeing SMP alternatives memory: 24K
[ 0.307893] smpboot: CPU0: Intel(R) Core(TM) i7-9750H CPU @ 2.60GHz
(family: 0x6, model: 0x9e, stepping: 0xa)
[ 0.307945] Performance Events: PEBS fmt3+, Skylake events, 32-deep
LBR, full-width counters, Intel PMU driver.
[ 0.307963] ... version: 4
[ 0.307964] ... bit width: 48
[ 0.307964] ... generic registers: 4
[ 0.307964] ... value mask: 0000ffffffffffff
[ 0.307965] ... max period: 00007fffffffffff
[ 0.307965] ... fixed-purpose events: 3
[ 0.307965] ... event mask: 000000070000000f
[ 0.307996] rcu: Hierarchical SRCU implementation.
[ 0.308343] random: crng done (trusting CPU's manufacturer)
[ 0.308807] NMI watchdog: Enabled. Permanently consumes one hw-PMU
counter.
[ 0.308867] smp: Bringing up secondary CPUs ...
[ 0.308903] x86: Booting SMP configuration:
[ 0.308904] .... node #0, CPUs: #1 #2 #3 #4 #5 #6
[ 0.311611] MDS CPU bug present and SMT on, data leak possible. See
https://www.kernel.org/doc/html/latest/admin-guide/hw-vuln/mds.html
for more details.
[ 0.311661] #7 #8 #9 #10 #11
[ 0.312032] smp: Brought up 1 node, 12 CPUs
[ 0.312032] smpboot: Max logical packages: 1
[ 0.312032] smpboot: Total of 12 processors activated (62208.00
BogoMIPS)
[ 0.316106] devtmpfs: initialized
[ 0.316106] x86/mm: Memory block size: 128MB
[ 0.317839] PM: Registering ACPI NVS region [mem 0x5af11000-
0x5af11fff] (4096 bytes)

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[ 0.317839] PM: Registering ACPI NVS region [mem 0x6d82d000-0x6e1a1fff] (9916416 bytes)
[ 0.317839] clocksource: jiffies: mask: 0xffffffff max_cycles: 0xffffffff, max_idle_ns: 7645041785100000 ns
[ 0.317839] futex hash table entries: 4096 (order: 6, 262144 bytes)
[ 0.317839] pinctrl core: initialized pinctrl subsystem
[ 0.317839] NET: Registered protocol family 16
[ 0.317839] audit: initializing netlink subsys (disabled)
[ 0.317839] audit: type=2000 audit(1672454096.044:1):
state=initialized audit_enabled=0 res=1
[ 0.317839] cpuidle: using governor ladder
[ 0.317839] cpuidle: using governor menu
[ 0.317839] Simple Boot Flag at 0x47 set to 0x80
[ 0.317839] KVM setup pv remote TLB flush
[ 0.317839] ACPI: bus type PCI registered
[ 0.317839] acpiphp: ACPI Hot Plug PCI Controller Driver version: 0.5
[ 0.317839] PCI: MMCONFIG for domain 0000 [bus 00-7f] at [mem 0xf0000000-0xf7ffffff] (base 0xf0000000)
[ 0.317839] PCI: MMCONFIG at [mem 0xf0000000-0xf7ffffff] reserved in E820
[ 0.317839] PCI: Using configuration type 1 for base access
[ 0.319719] HugeTLB registered 1.00 GiB page size, pre-allocated 0 pages
[ 0.319719] HugeTLB registered 2.00 MiB page size, pre-allocated 0 pages
[ 0.319719] ACPI: Added _OSI(Module Device)
[ 0.319719] ACPI: Added _OSI(Processor Device)
[ 0.319719] ACPI: Added _OSI(3.0 _SCP Extensions)
[ 0.319719] ACPI: Added _OSI(Processor Aggregator Device)
[ 0.319719] ACPI: Added _OSI(Linux-Dell-Video)
[ 0.319719] ACPI: Added _OSI(Linux-Lenovo-NV-HDMI-Audio)
[ 0.354182] ACPI: 12 ACPI AML tables successfully acquired and loaded
[ 0.417963] ACPI: [Firmware Bug]: BIOS _OSI(Linux) query ignored
[ 0.429206] ACPI: Dynamic OEM Table Load:
[ 0.429212] ACPI: SSDT 0xFFFFF8B6BD7940500 0000F4 (v02 PmRef Cpu0Psd 00003000 INTL 20160527)
[ 0.429616] ACPI: \_SB_.PR00: _OSC native thermal LVT Acked
[ 0.430399] ACPI: Dynamic OEM Table Load:
[ 0.430404] ACPI: SSDT 0xFFFFF8B6BD7F4DC00 000400 (v02 PmRef Cpu0Cst 00003001 INTL 20160527)
[ 0.430850] ACPI: Dynamic OEM Table Load:
[ 0.430854] ACPI: SSDT 0xFFFFF8B6BD7F45000 000581 (v02 PmRef Cpu0Ist 00003000 INTL 20160527)
[ 0.431339] ACPI: Dynamic OEM Table Load:
[ 0.431343] ACPI: SSDT 0xFFFFF8B6BD7F54800 000149 (v02 PmRef Cpu0Hwp 00003000 INTL 20160527)
[ 0.431696] ACPI: Dynamic OEM Table Load:
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[ 0.431701] ACPI: SSDT 0xFFFF8B6BD7F46800 000724 (v02 PmRef HwpLvt
00003000 INTL 20160527)
[ 0.432285] ACPI: Dynamic OEM Table Load:
[ 0.432289] ACPI: SSDT 0xFFFF8B6BDBC09800 0005FC (v02 PmRef ApIst
00003000 INTL 20160527)
[ 0.432755] ACPI: Dynamic OEM Table Load:
[ 0.432759] ACPI: SSDT 0xFFFF8B6BD7F4EC00 000317 (v02 PmRef ApHwp
00003000 INTL 20160527)
[ 0.433249] ACPI: Dynamic OEM Table Load:
[ 0.433254] ACPI: SSDT 0xFFFF8B6BD7FB6000 000AB0 (v02 PmRef ApPsd
00003000 INTL 20160527)
[ 0.434108] ACPI: Dynamic OEM Table Load:
[ 0.434112] ACPI: SSDT 0xFFFF8B6BD7F4A000 00030A (v02 PmRef ApCst
00003000 INTL 20160527)
[ 0.437719] ACPI: EC: EC started
[ 0.437719] ACPI: EC: interrupt blocked
[ 0.441558] ACPI: \_SB_.PCI0.LPCB.ECDV: Used as first EC
[ 0.441559] ACPI: \_SB_.PCI0.LPCB.ECDV: GPE=0x6e,
EC_CMD/EC_SC=0x934, EC_DATA=0x930
[ 0.441560] ACPI: \_SB_.PCI0.LPCB.ECDV: Used as boot DSDT EC to
handle transactions
[ 0.441560] ACPI: Interpreter enabled
[ 0.441595] ACPI: (supports S0 S3 S4 S5)
[ 0.441596] ACPI: Using IOAPIC for interrupt routing
[ 0.441627] PCI: Using host bridge windows from ACPI; if necessary,
use "pci=nocrs" and report a bug
[ 0.442049] ACPI: Enabled 10 GPEs in block 00 to 7F
[ 0.444629] ACPI: Power Resource [PG00] (on)
[ 0.444987] ACPI: Power Resource [WRST] (on)
[ 0.444987] ACPI: Power Resource [DRST] (on)
[ 0.449773] ACPI: Power Resource [PXP] (on)
[ 0.453517] ACPI: Power Resource [USBC] (on)
[ 0.455562] ACPI: Power Resource [V0PR] (on)
[ 0.455655] ACPI: Power Resource [V1PR] (on)
[ 0.455746] ACPI: Power Resource [V2PR] (on)
[ 0.460704] ACPI: Power Resource [WRST] (on)
[ 0.467731] ACPI: Power Resource [PIN] (off)
[ 0.467996] ACPI: PCI Root Bridge [PCI0] (domain 0000 [bus 00-7e])
[ 0.468000] acpi PNP0A08:00: _OSC: OS supports [ExtendedConfig ASPM
ClockPM Segments MSI]
[ 0.469554] acpi PNP0A08:00: _OSC: platform does not support [AER]
[ 0.472544] acpi PNP0A08:00: _OSC: OS now controls [PCIEHotplug
SHPCHotplug PME PCIECapability LTR]
[ 0.473220] PCI host bridge to bus 0000:00
[ 0.473221] pci_bus 0000:00: root bus resource [io 0x0000-0x0cf7
window]
[ 0.473222] pci_bus 0000:00: root bus resource [io 0x0d00-0xffff
window]
[ 0.473222] pci_bus 0000:00: root bus resource [mem 0x000a0000-
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0x000bffff window]
[ 0.473223] pci_bus 0000:00: root bus resource [mem 0x000c0000-
0x000c3fff window]
[ 0.473223] pci_bus 0000:00: root bus resource [mem 0x000c4000-
0x000c7fff window]
[ 0.473224] pci_bus 0000:00: root bus resource [mem 0x000c8000-
0x000cbfff window]
[ 0.473224] pci_bus 0000:00: root bus resource [mem 0x000cc000-
0x000cffff window]
[ 0.473225] pci_bus 0000:00: root bus resource [mem 0x000d0000-
0x000d3fff window]
[ 0.473226] pci_bus 0000:00: root bus resource [mem 0x000d4000-
0x000d7fff window]
[ 0.473226] pci_bus 0000:00: root bus resource [mem 0x000d8000-
0x000dbfff window]
[ 0.473227] pci_bus 0000:00: root bus resource [mem 0x000dc000-
0x000dffff window]
[ 0.473227] pci_bus 0000:00: root bus resource [mem 0x7f800000-
0xffffffff window]
[ 0.473228] pci_bus 0000:00: root bus resource [mem 0xfc800000-
0xfe7ffffff window]
[ 0.473229] pci_bus 0000:00: root bus resource [bus 00-7e]
[ 0.473235] pci 0000:00:00.0: [8086:3ec4] type 00 class 0x060000
[ 0.473313] pci 0000:00:01.0: [8086:1901] type 01 class 0x060400
[ 0.473343] pci 0000:00:01.0: PME# supported from D0 D3hot D3cold
[ 0.473507] pci 0000:00:02.0: [8086:3e9b] type 00 class 0x030000
[ 0.473513] pci 0000:00:02.0: reg 0x10: [mem 0xeb000000-0xebffffff
64bit]
[ 0.473517] pci 0000:00:02.0: reg 0x18: [mem 0x80000000-0x8fffffff
64bit pref]
[ 0.473519] pci 0000:00:02.0: reg 0x20: [io 0x4000-0x403f]
[ 0.473529] pci 0000:00:02.0: BAR 2: assigned to efifb
[ 0.473609] pci 0000:00:04.0: [8086:1903] type 00 class 0x118000
[ 0.473616] pci 0000:00:04.0: reg 0x10: [mem 0xed510000-0xed517fff
64bit]
[ 0.473739] pci 0000:00:08.0: [8086:1911] type 00 class 0x088000
[ 0.473746] pci 0000:00:08.0: reg 0x10: [mem 0xed528000-0xed528fff
64bit]
[ 0.473918] pci 0000:00:12.0: [8086:a379] type 00 class 0x118000
[ 0.473960] pci 0000:00:12.0: reg 0x10: [mem 0xed527000-0xed527fff
64bit]
[ 0.474232] pci 0000:00:14.0: [8086:a36d] type 00 class 0x0c0330
[ 0.474276] pci 0000:00:14.0: reg 0x10: [mem 0xed500000-0xed50ffff
64bit]
[ 0.474408] pci 0000:00:14.0: PME# supported from D3hot D3cold
[ 0.474528] pci 0000:00:14.2: [8086:a36f] type 00 class 0x050000
[ 0.474562] pci 0000:00:14.2: reg 0x10: [mem 0xed51e000-0xed51ffff
64bit]
[ 0.474580] pci 0000:00:14.2: reg 0x18: [mem 0xed526000-0xed526fff
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64bit]

[0.475015] pci 0000:00:15.0: [8086:a368] type 00 class 0x0c8000
[0.475726] pci 0000:00:15.0: reg 0x10: [mem 0x00000000-0x00000fff]

64bit]

[0.478320] pci 0000:00:15.1: [8086:a369] type 00 class 0x0c8000
[0.479049] pci 0000:00:15.1: reg 0x10: [mem 0x00000000-0x00000fff]

64bit]

[0.481446] pci 0000:00:16.0: [8086:a360] type 00 class 0x078000
[0.481485] pci 0000:00:16.0: reg 0x10: [mem 0xed523000-0xed523fff]

64bit]

[0.481598] pci 0000:00:16.0: PME# supported from D3hot
[0.481794] pci 0000:00:17.0: [8086:a353] type 00 class 0x010601
[0.481858] pci 0000:00:17.0: reg 0x10: [mem 0xed51c000-0xed51dfff]
[0.481881] pci 0000:00:17.0: reg 0x14: [mem 0xed522000-0xed5220ff]
[0.481904] pci 0000:00:17.0: reg 0x18: [io 0x4090-0x4097]
[0.481926] pci 0000:00:17.0: reg 0x1c: [io 0x4080-0x4083]
[0.481949] pci 0000:00:17.0: reg 0x20: [io 0x4060-0x407f]
[0.481971] pci 0000:00:17.0: reg 0x24: [mem 0xed521000-0xed5217ff]
[0.482107] pci 0000:00:17.0: PME# supported from D3hot
[0.482269] pci 0000:00:1b.0: [8086:a340] type 01 class 0x060400
[0.482450] pci 0000:00:1b.0: PME# supported from D0 D3hot D3cold
[0.482479] pci 0000:00:1b.0: PTM enabled (root), 4ns granularity
[0.482682] pci 0000:00:1c.0: [8086:a338] type 01 class 0x060400
[0.482863] pci 0000:00:1c.0: PME# supported from D0 D3hot D3cold
[0.482893] pci 0000:00:1c.0: PTM enabled (root), 4ns granularity
[0.483049] pci 0000:00:1c.4: [8086:a33c] type 01 class 0x060400
[0.483231] pci 0000:00:1c.4: PME# supported from D0 D3hot D3cold
[0.483258] pci 0000:00:1c.4: PTM enabled (root), 4ns granularity
[0.483413] pci 0000:00:1d.0: [8086:a330] type 01 class 0x060400
[0.483598] pci 0000:00:1d.0: PME# supported from D0 D3hot D3cold
[0.483625] pci 0000:00:1d.0: PTM enabled (root), 4ns granularity
[0.483828] pci 0000:00:1f.0: [8086:a30e] type 00 class 0x060100
[0.484070] pci 0000:00:1f.3: [8086:a348] type 00 class 0x040380
[0.484147] pci 0000:00:1f.3: reg 0x10: [mem 0xed518000-0xed51bfff]

64bit]

[0.484220] pci 0000:00:1f.3: reg 0x20: [mem 0xed100000-0xed1fffff]

64bit]

[0.484369] pci 0000:00:1f.3: PME# supported from D3hot D3cold
[0.484565] pci 0000:00:1f.4: [8086:a323] type 00 class 0x0c0500
[0.484722] pci 0000:00:1f.4: reg 0x10: [mem 0xed520000-0xed5200ff]

64bit]

[0.484892] pci 0000:00:1f.4: reg 0x20: [io 0xefa0-0xefbf]
[0.485179] pci 0000:00:1f.5: [8086:a324] type 00 class 0x0c8000
[0.485205] pci 0000:00:1f.5: reg 0x10: [mem 0xfe010000-0xfe010fff]
[0.485395] pci 0000:01:00.0: [10de:1f91] type 00 class 0x030200
[0.485421] pci 0000:01:00.0: reg 0x10: [mem 0xec000000-0xecffffff]
[0.485435] pci 0000:01:00.0: reg 0x14: [mem 0xc0000000-0xcfffffff]

64bit pref]

[0.485448] pci 0000:01:00.0: reg 0x1c: [mem 0xd0000000-0xd1ffffff]

64bit pref]

```
[ 0.485456] pci 0000:01:00.0: reg 0x24: [io 0x3000-0x307f]
[ 0.485464] pci 0000:01:00.0: reg 0x30: [mem 0xed000000-0xed07ffff
pref]
[ 0.485538] pci 0000:01:00.0: PME# supported from D0 D3hot
[ 0.485635] pci 0000:00:01.0: PCI bridge to [bus 01]
[ 0.485636] pci 0000:00:01.0: bridge window [io 0x3000-0x3fff]
[ 0.485637] pci 0000:00:01.0: bridge window [mem 0xec000000-
0xed0ffffff]
[ 0.485639] pci 0000:00:01.0: bridge window [mem 0xc0000000-
0xd1ffffff] 64bit pref]
[ 0.485782] pci 0000:02:00.0: [8086:15da] type 01 class 0x060400
[ 0.485884] pci 0000:02:00.0: enabling Extended Tags
[ 0.486003] pci 0000:02:00.0: supports D1 D2
[ 0.486004] pci 0000:02:00.0: PME# supported from D0 D1 D2 D3hot
D3cold
[ 0.486161] pci 0000:00:1b.0: PCI bridge to [bus 02-3a]
[ 0.486169] pci 0000:00:1b.0: bridge window [mem 0xd4000000-
0xea0ffffff]
[ 0.486177] pci 0000:00:1b.0: bridge window [mem 0x90000000-
0xb1ffffff] 64bit pref]
[ 0.486261] pci 0000:03:00.0: [8086:15da] type 01 class 0x060400
[ 0.486366] pci 0000:03:00.0: enabling Extended Tags
[ 0.486488] pci 0000:03:00.0: supports D1 D2
[ 0.486489] pci 0000:03:00.0: PME# supported from D0 D1 D2 D3hot
D3cold
[ 0.486607] pci 0000:03:01.0: [8086:15da] type 01 class 0x060400
[ 0.486713] pci 0000:03:01.0: enabling Extended Tags
[ 0.486837] pci 0000:03:01.0: supports D1 D2
[ 0.486837] pci 0000:03:01.0: PME# supported from D0 D1 D2 D3hot
D3cold
[ 0.486956] pci 0000:03:02.0: [8086:15da] type 01 class 0x060400
[ 0.487062] pci 0000:03:02.0: enabling Extended Tags
[ 0.487180] pci 0000:03:02.0: supports D1 D2
[ 0.487180] pci 0000:03:02.0: PME# supported from D0 D1 D2 D3hot
D3cold
[ 0.487337] pci 0000:02:00.0: PCI bridge to [bus 03-3a]
[ 0.487349] pci 0000:02:00.0: bridge window [mem 0xd4000000-
0xea0ffffff]
[ 0.487358] pci 0000:02:00.0: bridge window [mem 0x90000000-
0xb1ffffff] 64bit pref]
[ 0.487427] pci 0000:04:00.0: [8086:15d9] type 00 class 0x088000
[ 0.487473] pci 0000:04:00.0: reg 0x10: [mem 0xea000000-0xea03ffff]
[ 0.487487] pci 0000:04:00.0: reg 0x14: [mem 0xea040000-0xea040fff]
[ 0.487568] pci 0000:04:00.0: enabling Extended Tags
[ 0.487697] pci 0000:04:00.0: supports D1 D2
[ 0.487697] pci 0000:04:00.0: PME# supported from D0 D1 D2 D3hot
D3cold
[ 0.487879] pci 0000:03:00.0: PCI bridge to [bus 04]
```

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[ 0.487891] pci 0000:03:00.0: bridge window [mem 0xea000000-0xea0ffffff]
[ 0.487953] pci 0000:03:01.0: PCI bridge to [bus 05-39]
[ 0.487965] pci 0000:03:01.0: bridge window [mem 0xd4000000-0xe9effffff]
[ 0.487974] pci 0000:03:01.0: bridge window [mem 0x90000000-0xb1ffffff 64bit pref]
[ 0.488059] pci 0000:3a:00.0: [8086:15db] type 00 class 0x0c0330
[ 0.488107] pci 0000:3a:00.0: reg 0x10: [mem 0xe9f00000-0xe9f0ffff]
[ 0.488207] pci 0000:3a:00.0: enabling Extended Tags
[ 0.488336] pci 0000:3a:00.0: supports D1 D2
[ 0.488336] pci 0000:3a:00.0: PME# supported from D0 D1 D2 D3hot D3cold
[ 0.488409] pci 0000:3a:00.0: 8.000 Gb/s available PCIe bandwidth, limited by 2.5 GT/s x4 link at 0000:03:02.0 (capable of 31.504 Gb/s with 8 GT/s x4 link)
[ 0.488529] pci 0000:03:02.0: PCI bridge to [bus 3a]
[ 0.488541] pci 0000:03:02.0: bridge window [mem 0xe9f00000-0xe9ffffff]
[ 0.488999] pci 0000:3b:00.0: [8086:2723] type 00 class 0x028000
[ 0.489915] pci 0000:3b:00.0: reg 0x10: [mem 0xed400000-0xed403fff 64bit]
[ 0.492328] pci 0000:3b:00.0: PME# supported from D0 D3hot D3cold
[ 0.494201] pci 0000:00:1c.0: PCI bridge to [bus 3b]
[ 0.494210] pci 0000:00:1c.0: bridge window [mem 0xed400000-0xed4ffffff]
[ 0.494628] pci 0000:3c:00.0: [10ec:525a] type 00 class 0xff0000
[ 0.494674] pci 0000:3c:00.0: reg 0x14: [mem 0xed300000-0xed30ffff]
[ 0.494824] pci 0000:3c:00.0: supports D1 D2
[ 0.494825] pci 0000:3c:00.0: PME# supported from D1 D2 D3hot D3cold
[ 0.495363] pci 0000:00:1c.4: PCI bridge to [bus 3c]
[ 0.495371] pci 0000:00:1c.4: bridge window [mem 0xed300000-0xed3ffffff]
[ 0.495559] pci 0000:3d:00.0: [1344:5405] type 00 class 0x010802
[ 0.495608] pci 0000:3d:00.0: reg 0x10: [mem 0xed200000-0xed203fff 64bit]
[ 0.495687] pci 0000:3d:00.0: enabling Extended Tags
[ 0.495935] pci 0000:00:1d.0: PCI bridge to [bus 3d]
[ 0.495943] pci 0000:00:1d.0: bridge window [mem 0xed200000-0xed2ffffff]
[ 0.497787] ACPI: PCI Interrupt Link [LNKA] (IRQs 3 4 5 6 10 11 12 14 15) *0
[ 0.497843] ACPI: PCI Interrupt Link [LNKB] (IRQs 3 4 5 6 10 11 12 14 15) *1
[ 0.497897] ACPI: PCI Interrupt Link [LNKC] (IRQs 3 4 5 6 10 11 12 14 15) *0
[ 0.497951] ACPI: PCI Interrupt Link [LNKD] (IRQs 3 4 5 6 10 11 12 14 15) *0
```

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[ 0.498005] ACPI: PCI Interrupt Link [LNKE] (IRQs 3 4 5 6 10 11 12
14 15) *0
[ 0.498059] ACPI: PCI Interrupt Link [LNKF] (IRQs 3 4 5 6 10 11 12
14 15) *0
[ 0.498112] ACPI: PCI Interrupt Link [LNKG] (IRQs 3 4 5 6 10 11 12
14 15) *0
[ 0.498166] ACPI: PCI Interrupt Link [LNKH] (IRQs 3 4 5 6 10 11 12
14 15) *0
[ 0.507740] ACPI: EC: interrupt unblocked
[ 0.507761] ACPI: EC: event unblocked
[ 0.507784] ACPI: \_SB_.PCI0.LPCB.ECDV: GPE=0x6e,
EC_CMD/EC_SC=0x934, EC_DATA=0x930
[ 0.507784] ACPI: \_SB_.PCI0.LPCB.ECDV: Used as boot DSDT EC to
handle transactions and events
[ 0.507839] pci 0000:00:02.0: vgaarb: setting as boot VGA device
[ 0.507839] pci 0000:00:02.0: vgaarb: VGA device added:
decodes=io+mem,owns=io+mem,locks=none
[ 0.507839] pci 0000:00:02.0: vgaarb: bridge control possible
[ 0.507839] vgaarb: loaded
[ 0.507839] pps_core: LinuxPPS API ver. 1 registered
[ 0.507839] pps_core: Software ver. 5.3.6 - Copyright 2005-2007
Rodolfo Giometti <giometti@linux.it>
[ 0.507839] PTP clock support registered
[ 0.507839] EDAC MC: Ver: 3.0.0
[ 0.508575] Registered efivars operations
[ 0.508575] PCI: Using ACPI for IRQ routing
[ 0.533632] PCI: pci_cache_line_size set to 64 bytes
[ 0.534699] e820: reserve RAM buffer [mem 0x0009e000-0x0009ffff]
[ 0.534699] e820: reserve RAM buffer [mem 0x5af11000-0x5bffffff]
[ 0.534700] e820: reserve RAM buffer [mem 0x65bb0000-0x67ffffff]
[ 0.534700] e820: reserve RAM buffer [mem 0x6a998000-0x6bffffff]
[ 0.534701] e820: reserve RAM buffer [mem 0x78e00000-0x7bffffff]
[ 0.534701] e820: reserve RAM buffer [mem 0x87c800000-0x87ffffff]
[ 0.535692] hpet0: at MMIO 0xfed00000, IRQs 2, 8, 0, 0, 0, 0, 0, 0
[ 0.535694] hpet0: 8 comparators, 64-bit 24.000000 MHz counter
[ 0.540616] clocksource: Switched to clocksource tsc-early
[ 0.544836] VFS: Disk quotas dquot_6.6.0
[ 0.544844] VFS: Dquot-cache hash table entries: 512 (order 0, 4096
bytes)
[ 0.544901] AppArmor: AppArmor Filesystem Enabled
[ 0.544907] pnp: PnP ACPI init
[ 0.544965] system 00:00: [mem 0x40000000-0x403ffffff] has been
reserved
[ 0.544968] system 00:00: Plug and Play ACPI device, IDs PNP0c02
(active)
[ 0.545086] system 00:01: [io 0x0680-0x069f] has been reserved
[ 0.545087] system 00:01: [io 0x164e-0x164f] has been reserved
[ 0.545088] system 00:01: Plug and Play ACPI device, IDs PNP0c02
(active)
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[ 0.545117] pnp 00:02: Plug and Play ACPI device, IDs PNP0b00
(active)
[ 0.545179] system 00:03: [io 0x1854-0x1857] has been reserved
[ 0.545180] system 00:03: Plug and Play ACPI device, IDs INT3f0d
PNP0c02 (active)
[ 0.545257] pnp 00:04: Plug and Play ACPI device, IDs PNP0303
(active)
[ 0.545266] pnp 00:05: Plug and Play ACPI device, IDs DLL0905
PNP0f13 (active)
[ 0.545371] system 00:06: [mem 0xfed10000-0xfed17fff] has been
reserved
[ 0.545372] system 00:06: [mem 0xfed18000-0xfed18fff] has been
reserved
[ 0.545372] system 00:06: [mem 0xfed19000-0xfed19fff] has been
reserved
[ 0.545373] system 00:06: [mem 0xf0000000-0xf7ffffff] has been
reserved
[ 0.545374] system 00:06: [mem 0xfed20000-0xfed3ffff] has been
reserved
[ 0.545375] system 00:06: [mem 0xfed90000-0xfed93fff] could not be
reserved
[ 0.545375] system 00:06: [mem 0xfed45000-0xfed8ffff] has been
reserved
[ 0.545376] system 00:06: [mem 0xf0000000-0xfefefffff] could not be
reserved
[ 0.545378] system 00:06: Plug and Play ACPI device, IDs PNP0c02
(active)
[ 0.545542] system 00:07: [io 0x1800-0x18fe] could not be reserved
[ 0.545543] system 00:07: [mem 0xfd000000-0xfd69ffff] has been
reserved
[ 0.545543] system 00:07: [mem 0xfd6c0000-0xfd6cffff] has been
reserved
[ 0.545544] system 00:07: [mem 0xfd6f0000-0xfdfefefffff] has been
reserved
[ 0.545545] system 00:07: [mem 0xfe000000-0xfe01ffff] could not be
reserved
[ 0.545546] system 00:07: [mem 0xfe200000-0xfe7ffffff] has been
reserved
[ 0.545546] system 00:07: [mem 0xff000000-0xfffffffffff] has been
reserved
[ 0.545548] system 00:07: Plug and Play ACPI device, IDs PNP0c02
(active)
[ 0.545763] system 00:08: [io 0x2000-0x20fe] has been reserved
[ 0.545765] system 00:08: Plug and Play ACPI device, IDs PNP0c02
(active)
[ 0.546476] system 00:09: Plug and Play ACPI device, IDs PNP0c02
(active)
[ 0.552356] pnp: PnP ACPI: found 10 devices
[ 0.557467] clocksource: acpi_pm: mask: 0xffffffff max_cycles:
```

```
0xffffffff, max_idle_ns: 2085701024 ns
[    0.557472] pci 0000:03:01.0: bridge window [io  0x1000-0x0fff] to
[bus 05-39] add_size 1000
[    0.557474] pci 0000:02:00.0: bridge window [io  0x1000-0x0fff] to
[bus 03-3a] add_size 1000
[    0.557474] pci 0000:00:1b.0: bridge window [io  0x1000-0x0fff] to
[bus 02-3a] add_size 1000
[    0.557482] pci 0000:00:15.0: BAR 0: assigned [mem 0x7f800000-
0x7f800fff 64bit]
[    0.557753] pci 0000:00:15.1: BAR 0: assigned [mem 0x7f801000-
0x7f801fff 64bit]
[    0.558019] pci 0000:00:1b.0: BAR 13: assigned [io  0x5000-0x5fff]
[    0.558021] pci 0000:00:01.0: PCI bridge to [bus 01]
[    0.558021] pci 0000:00:01.0:   bridge window [io  0x3000-0x3fff]
[    0.558023] pci 0000:00:01.0:   bridge window [mem 0xec000000-
0xed0ffffff]
[    0.558024] pci 0000:00:01.0:   bridge window [mem 0xc0000000-
0xd1ffffff 64bit pref]
[    0.558027] pci 0000:02:00.0: BAR 13: assigned [io  0x5000-0x5fff]
[    0.558028] pci 0000:03:01.0: BAR 13: assigned [io  0x5000-0x5fff]
[    0.558029] pci 0000:03:00.0: PCI bridge to [bus 04]
[    0.558038] pci 0000:03:00.0:   bridge window [mem 0xea000000-
0xea0ffffff]
[    0.558050] pci 0000:03:01.0: PCI bridge to [bus 05-39]
[    0.558053] pci 0000:03:01.0:   bridge window [io  0x5000-0x5fff]
[    0.558059] pci 0000:03:01.0:   bridge window [mem 0xd4000000-
0xe9effffff]
[    0.558064] pci 0000:03:01.0:   bridge window [mem 0x90000000-
0xb1ffffff 64bit pref]
[    0.558072] pci 0000:03:02.0: PCI bridge to [bus 3a]
[    0.558079] pci 0000:03:02.0:   bridge window [mem 0xe9f00000-
0xe9ffffff]
[    0.558091] pci 0000:02:00.0: PCI bridge to [bus 03-3a]
[    0.558094] pci 0000:02:00.0:   bridge window [io  0x5000-0x5fff]
[    0.558100] pci 0000:02:00.0:   bridge window [mem 0xd4000000-
0xea0ffffff]
[    0.558104] pci 0000:02:00.0:   bridge window [mem 0x90000000-
0xb1ffffff 64bit pref]
[    0.558113] pci 0000:00:1b.0: PCI bridge to [bus 02-3a]
[    0.558115] pci 0000:00:1b.0:   bridge window [io  0x5000-0x5fff]
[    0.558121] pci 0000:00:1b.0:   bridge window [mem 0xd4000000-
0xea0ffffff]
[    0.558126] pci 0000:00:1b.0:   bridge window [mem 0x90000000-
0xb1ffffff 64bit pref]
[    0.558134] pci 0000:00:1c.0: PCI bridge to [bus 3b]
[    0.558141] pci 0000:00:1c.0:   bridge window [mem 0xed400000-
0xed4ffffff]
[    0.558154] pci 0000:00:1c.4: PCI bridge to [bus 3c]
[    0.558162] pci 0000:00:1c.4:   bridge window [mem 0xed300000-
```

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0xed3ffffff]
[ 0.558173] pci 0000:00:1d.0: PCI bridge to [bus 3d]
[ 0.558180] pci 0000:00:1d.0: bridge window [mem 0xed200000-
0xed2ffffff]
[ 0.558192] pci_bus 0000:00: resource 4 [io 0x0000-0x0cf7 window]
[ 0.558193] pci_bus 0000:00: resource 5 [io 0x0d00-0xffff window]
[ 0.558194] pci_bus 0000:00: resource 6 [mem 0x000a0000-0x000bffff
window]
[ 0.558194] pci_bus 0000:00: resource 7 [mem 0x000c0000-0x000c3fff
window]
[ 0.558195] pci_bus 0000:00: resource 8 [mem 0x000c4000-0x000c7fff
window]
[ 0.558195] pci_bus 0000:00: resource 9 [mem 0x000c8000-0x000cbfff
window]
[ 0.558196] pci_bus 0000:00: resource 10 [mem 0x000cc000-0x000cffff
window]
[ 0.558196] pci_bus 0000:00: resource 11 [mem 0x000d0000-0x000d3fff
window]
[ 0.558197] pci_bus 0000:00: resource 12 [mem 0x000d4000-0x000d7fff
window]
[ 0.558197] pci_bus 0000:00: resource 13 [mem 0x000d8000-0x000dbfff
window]
[ 0.558198] pci_bus 0000:00: resource 14 [mem 0x000dc000-0x000dffff
window]
[ 0.558199] pci_bus 0000:00: resource 15 [mem 0x7f800000-0xffffffff
window]
[ 0.558199] pci_bus 0000:00: resource 16 [mem 0xfc800000-0xfe7ffffff
window]
[ 0.558200] pci_bus 0000:01: resource 0 [io 0x3000-0x3fff]
[ 0.558200] pci_bus 0000:01: resource 1 [mem 0xec000000-0xed0ffffff]
[ 0.558201] pci_bus 0000:01: resource 2 [mem 0xc0000000-0xd1ffffff
64bit pref]
[ 0.558201] pci_bus 0000:02: resource 0 [io 0x5000-0x5fff]
[ 0.558202] pci_bus 0000:02: resource 1 [mem 0xd4000000-0xea0ffffff]
[ 0.558203] pci_bus 0000:02: resource 2 [mem 0x90000000-0xb1ffffff
64bit pref]
[ 0.558203] pci_bus 0000:03: resource 0 [io 0x5000-0x5fff]
[ 0.558204] pci_bus 0000:03: resource 1 [mem 0xd4000000-0xea0ffffff]
[ 0.558204] pci_bus 0000:03: resource 2 [mem 0x90000000-0xb1ffffff
64bit pref]
[ 0.558205] pci_bus 0000:04: resource 1 [mem 0xea000000-0xea0ffffff]
[ 0.558205] pci_bus 0000:05: resource 0 [io 0x5000-0x5fff]
[ 0.558206] pci_bus 0000:05: resource 1 [mem 0xd4000000-0xe9efffff]
[ 0.558206] pci_bus 0000:05: resource 2 [mem 0x90000000-0xb1ffffff
64bit pref]
[ 0.558207] pci_bus 0000:3a: resource 1 [mem 0xe9f00000-0xe9ffffff]
[ 0.558207] pci_bus 0000:3b: resource 1 [mem 0xed400000-0xed4ffffff]
[ 0.558208] pci_bus 0000:3c: resource 1 [mem 0xed300000-0xed3ffffff]
[ 0.558209] pci_bus 0000:3d: resource 1 [mem 0xed200000-0xed2ffffff]
```

```
[ 0.558301] NET: Registered protocol family 2
[ 0.558433] IP idents hash table entries: 262144 (order: 9, 2097152
bytes)
[ 0.559526] tcp_listen_portaddr_hash hash table entries: 16384
(order: 6, 262144 bytes)
[ 0.559582] TCP established hash table entries: 262144 (order: 9,
2097152 bytes)
[ 0.559749] TCP bind hash table entries: 65536 (order: 8, 1048576
bytes)
[ 0.559816] TCP: Hash tables configured (established 262144 bind
65536)
[ 0.559840] UDP hash table entries: 16384 (order: 7, 524288 bytes)
[ 0.559883] UDP-Lite hash table entries: 16384 (order: 7, 524288
bytes)
[ 0.559941] NET: Registered protocol family 1
[ 0.559944] NET: Registered protocol family 44
[ 0.559950] pci 0000:00:02.0: Video device with shadowed ROM at
[mem 0x000c0000-0x000dffff]
[ 0.560261] PCI: CLS mismatch (64 != 128), using 64 bytes
[ 0.560366] pci 0000:02:00.0: enabling device (0006 -> 0007)
[ 0.560568] Unpacking initramfs...
[ 1.002175] Freeing initrd memory: 40732K
[ 1.027648] PCI-DMA: Using software bounce buffering for IO
(SWIOTLB)
[ 1.027650] software IO TLB: mapped [mem 0x61bb0000-0x65bb0000]
(64MB)
[ 1.027672] clocksource: tsc: mask: 0xffffffffffffffff max_cycles:
0x255cb6cc5db, max_idle_ns: 440795203504 ns
[ 1.027687] clocksource: Switched to clocksource tsc
[ 1.028370] Initialise system trusted keyrings
[ 1.028391] Key type blacklist registered
[ 1.028428] workingset: timestamp_bits=40 max_order=23
bucket_order=0
[ 1.029349] zbud: loaded
[ 1.116046] Key type asymmetric registered
[ 1.116047] Asymmetric key parser 'x509' registered
[ 1.116051] Block layer SCSI generic (bsg) driver version 0.4
loaded (major 247)
[ 1.116065] io scheduler noop registered
[ 1.116065] io scheduler deadline registered
[ 1.116079] io scheduler cfq registered (default)
[ 1.116079] io scheduler mq-deadline registered
[ 1.116538] pcieport 0000:00:01.0: Signaling PME with IRQ 122
[ 1.116648] pcieport 0000:00:1b.0: Signaling PME with IRQ 123
[ 1.116673] pciehp 0000:00:1b.0:pcie004: Slot #20 AttnBtn- PwrCtrl-
MRL- AttnInd- PwrInd- HotPlug+ Surprise+ Interlock- NoCompl+ LLActRep+
[ 1.116911] pcieport 0000:00:1c.0: Signaling PME with IRQ 124
[ 1.117121] pcieport 0000:00:1c.4: Signaling PME with IRQ 125
[ 1.117325] pcieport 0000:00:1d.0: Signaling PME with IRQ 126
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[ 1.117674] pcieport 0000:03:01.0: enabling device (0006 -> 0007)
[ 1.117781] pciehp 0000:03:01.0:pcie204: Slot #1 AttnBtn- PwrCtrl-
MRL- AttnInd- PwrInd- HotPlug+ Surprise+ Interlock- NoCompl+ LLAActRep+
[ 1.118033] shpchp: Standard Hot Plug PCI Controller Driver
version: 0.4
[ 1.118044] efifb: probing for efifb
[ 1.118050] efifb: framebuffer at 0x80000000, using 8128k, total
8128k
[ 1.118051] efifb: mode is 1920x1080x32, linelength=7680, pages=1
[ 1.118051] efifb: scrolling: redraw
[ 1.118052] efifb: Truecolor: size=8:8:8:8, shift=24:16:8:0
[ 1.120305] Console: switching to colour frame buffer device 240x67
[ 1.122506] fb0: EFI VGA frame buffer device
[ 1.122510] intel_idle: MWAIT substates: 0x11142120
[ 1.122510] intel_idle: v0.4.1 model 0x9E
[ 1.122826] intel_idle: lapic_timer_reliable_states 0xffffffff
[ 1.123829] Serial: 8250/16550 driver, 4 ports, IRQ sharing enabled
[ 1.124244] Linux agpgart interface v0.103
[ 1.124283] AMD IOMMUv2 driver by Joerg Roedel <jroedel@suse.de>
[ 1.124284] AMD IOMMUv2 functionality not available on this system
[ 1.124663] i8042: PNP: PS/2 Controller [PNP0303:PS2K,PNP0f13:PS2M]
at 0x60,0x64 irq 1,12
[ 1.124999] i8042: Warning: Keylock active
[ 1.126916] serio: i8042 KBD port at 0x60,0x64 irq 1
[ 1.126929] serio: i8042 AUX port at 0x60,0x64 irq 12
[ 1.126965] mousedev: PS/2 mouse device common for all mice
[ 1.127019] rtc_cmos 00:02: RTC can wake from S4
[ 1.128371] rtc_cmos 00:02: registered as rtc0
[ 1.128377] rtc_cmos 00:02: alarms up to one month, y3k, 242 bytes
nvram
[ 1.128382] intel_pstate: Intel P-state driver initializing
[ 1.128419] intel_pstate: Disabling energy efficiency optimization
[ 1.128626] input: AT Translated Set 2 keyboard as
/devices/platform/i8042/serio0/input/input0
[ 1.130162] intel_pstate: HWP enabled
[ 1.130203] ledtrig-cpu: registered to indicate activity on CPUs
[ 1.130474] NET: Registered protocol family 10
[ 1.134178] Segment Routing with IPv6
[ 1.134189] mip6: Mobile IPv6
[ 1.134190] NET: Registered protocol family 17
[ 1.134206] mpls_gso: MPLS GSO support
[ 1.134561] mce: Using 12 MCE banks
[ 1.134612] microcode: sig=0x906ea, pf=0x20, revision=0xde
[ 1.134970] microcode: Microcode Update Driver: v2.2.
[ 1.134976] sched_clock: Marking stable (1126383630, 8584887)->
(1154682446, -19713929)
[ 1.135450] registered taskstats version 1
[ 1.135450] Loading compiled-in X.509 certificates
[ 1.154926] Loaded X.509 cert 'Debian Secure Boot CA:
```



```
6ccece7e4c6c0d1f6149f3dd27dfcc5cbb419ea1'
[ 1.154936] Loaded X.509 cert 'Debian Secure Boot Signer 2021 -
linux: 4b6ef5abca669825178e052c84667ccbc0531f8c'
[ 1.156430] Loaded EFI:db cert 'Dell Inc. EFI DB:
5ddb772dc880660055ba0bc131886bb630a639e7' linked to secondary sys
keyring
[ 1.156445] Loaded EFI:db cert 'Microsoft Corporation EFI CA
2011: 13adbf4309bd82709c8cd54f316ed522988a1bd4' linked to secondary
sys keyring
[ 1.156454] Loaded EFI:db cert 'Microsoft Windows Production PCA
2011: a92902398e16c49778cd90f99e4f9ae17c55af53' linked to secondary
sys keyring
[ 1.157813] zswap: loaded using pool lzo/zbud
[ 1.158326] AppArmor: AppArmor sha1 policy hashing enabled
[ 1.159316] rtc_cmos 00:02: setting system clock to 2022-12-31
02:34:57 UTC (1672454097)
[ 1.195146] CPU4: Core temperature above threshold, cpu clock
throttled (total events = 1)
[ 1.195147] CPU10: Core temperature above threshold, cpu clock
throttled (total events = 1)
[ 1.195148] CPU4: Package temperature above threshold, cpu clock
throttled (total events = 1)
[ 1.195148] CPU10: Package temperature above threshold, cpu clock
throttled (total events = 1)
[ 1.195183] CPU0: Package temperature above threshold, cpu clock
throttled (total events = 1)
[ 1.195184] CPU6: Package temperature above threshold, cpu clock
throttled (total events = 1)
[ 1.195185] CPU1: Package temperature above threshold, cpu clock
throttled (total events = 1)
[ 1.195185] CPU7: Package temperature above threshold, cpu clock
throttled (total events = 1)
[ 1.195186] CPU8: Package temperature above threshold, cpu clock
throttled (total events = 1)
[ 1.195187] CPU11: Package temperature above threshold, cpu clock
throttled (total events = 1)
[ 1.195188] CPU2: Package temperature above threshold, cpu clock
throttled (total events = 1)
[ 1.195188] CPU9: Package temperature above threshold, cpu clock
throttled (total events = 1)
[ 1.195189] CPU5: Package temperature above threshold, cpu clock
throttled (total events = 1)
[ 1.195190] CPU3: Package temperature above threshold, cpu clock
throttled (total events = 1)
[ 1.210167] CPU4: Core temperature/speed normal
[ 1.210168] CPU4: Package temperature/speed normal
[ 1.210168] CPU10: Core temperature/speed normal
[ 1.210169] CPU10: Package temperature/speed normal
[ 1.210215] CPU6: Package temperature/speed normal
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[ 1.210216] CPU0: Package temperature/speed normal
[ 1.210217] CPU7: Package temperature/speed normal
[ 1.210217] CPU1: Package temperature/speed normal
[ 1.210218] CPU3: Package temperature/speed normal
[ 1.210219] CPU2: Package temperature/speed normal
[ 1.210219] CPU9: Package temperature/speed normal
[ 1.210220] CPU8: Package temperature/speed normal
[ 1.210220] CPU5: Package temperature/speed normal
[ 1.210221] CPU11: Package temperature/speed normal
[ 1.391901] Freeing unused kernel image memory: 1620K
[ 1.428000] Write protecting the kernel read-only data: 16384k
[ 1.429242] Freeing unused kernel image memory: 2028K
[ 1.429483] Freeing unused kernel image memory: 768K
[ 1.433819] x86/mm: Checked W+X mappings: passed, no W+X pages
found.
[ 1.433820] x86/mm: Checking user space page tables
[ 1.437851] x86/mm: Checked W+X mappings: passed, no W+X pages
found.
[ 1.437852] Run /init as init process
[ 1.489195] acpi PNP0C14:04: duplicate WMI GUID 05901221-D566-11D1-
B2F0-00A0C9062910 (first instance was on PNP0C14:03)
[ 1.489227] wmi_bus wmi_bus-PNP0C14:05: WQBC data block query
control method not found
[ 1.489228] acpi PNP0C14:05: duplicate WMI GUID 05901221-D566-11D1-
B2F0-00A0C9062910 (first instance was on PNP0C14:03)
[ 1.490846] acpi PNP0C14:06: duplicate WMI GUID 05901221-D566-11D1-
B2F0-00A0C9062910 (first instance was on PNP0C14:03)
[ 1.493641] acpi PNP0C14:07: duplicate WMI GUID 05901221-D566-11D1-
B2F0-00A0C9062910 (first instance was on PNP0C14:03)
[ 1.494640] input: Lid Switch as
/devices/LNXSYSTM:00/LNXSYBUS:00/PNP0C0D:00/input/input2
[ 1.494649] ACPI: Lid Switch [LID0]
[ 1.494670] input: Power Button as
/devices/LNXSYSTM:00/LNXSYBUS:00/PNP0C0C:00/input/input3
[ 1.497885] hidraw: raw HID events driver (C) Jiri Kosina
[ 1.501053] rtsx_pci 0000:3c:00.0: enabling device (0000 -> 0002)
[ 1.504044] i801_smbus 0000:00:1f.4: SPD Write Disable is set
[ 1.504823] i801_smbus 0000:00:1f.4: SMBus using PCI interrupt
[ 1.504869] cryptd: max_cpu_qlen set to 1000
[ 1.507586] ACPI: Power Button [PBTN]
[ 1.508714] SCSI subsystem initialized
[ 1.512041] ACPI: bus type USB registered
[ 1.512056] usbcore: registered new interface driver usbfs
[ 1.512062] usbcore: registered new interface driver hub
[ 1.512073] usbcore: registered new device driver usb
[ 1.512410] AVX2 version of gcm_enc/dec engaged.
[ 1.512410] AES CTR mode by8 optimization enabled
[ 1.513310] thunderbolt 0000:04:00.0: NHI initialized, starting
thunderbolt
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[ 1.513313] thunderbolt 0000:04:00.0: allocating TX ring 0 of size
10
[ 1.513333] thunderbolt 0000:04:00.0: allocating RX ring 0 of size
10
[ 1.513350] thunderbolt 0000:04:00.0: control channel created
[ 1.513351] thunderbolt 0000:04:00.0: control channel starting...
[ 1.513352] thunderbolt 0000:04:00.0: starting TX ring 0
[ 1.513362] thunderbolt 0000:04:00.0: enabling interrupt at
register 0x38200 bit 0 (0x0 -> 0x1)
[ 1.513363] thunderbolt 0000:04:00.0: starting RX ring 0
[ 1.513372] thunderbolt 0000:04:00.0: enabling interrupt at
register 0x38200 bit 12 (0x1 -> 0x1001)
[ 1.513440] input: Sleep Button as
/devices/LNXSYSTM:00/LNXXSYBUS:00/PNP0C0E:00/input/input5
[ 1.513462] ACPI: Sleep Button [SBTN]
[ 1.520633] nvme nvme0: pci function 0000:3d:00.0
[ 1.524060] xhci_hcd 0000:00:14.0: xHCI Host Controller
[ 1.524064] xhci_hcd 0000:00:14.0: new USB bus registered, assigned
bus number 1
[ 1.525266] xhci_hcd 0000:00:14.0: hcc params 0x200077c1 hci
version 0x110 quirks 0x00000000000009810
[ 1.525276] xhci_hcd 0000:00:14.0: cache line size of 64 is not
supported
[ 1.525534] usb usb1: New USB device found, idVendor=1d6b,
idProduct=0002, bcdDevice= 4.19
[ 1.525535] usb usb1: New USB device strings: Mfr=3, Product=2,
SerialNumber=1
[ 1.525536] usb usb1: Product: xHCI Host Controller
[ 1.525537] usb usb1: Manufacturer: Linux 4.19.0-20-amd64 xhci-hcd
[ 1.525537] usb usb1: SerialNumber: 0000:00:14.0
[ 1.528506] intel-lpss 0000:00:15.0: enabling device (0000 -> 0002)
[ 1.528863] hub 1-0:1.0: USB hub found
[ 1.528885] hub 1-0:1.0: 16 ports detected
[ 1.530342] libata version 3.00 loaded.
[ 1.531472] thermal LNX_THERM:00: registered as thermal_zone0
[ 1.531473] ACPI: Thermal Zone [THM] (25 C)
[ 1.535475] xhci_hcd 0000:00:14.0: xHCI Host Controller
[ 1.535477] xhci_hcd 0000:00:14.0: new USB bus registered, assigned
bus number 2
[ 1.535479] xhci_hcd 0000:00:14.0: Host supports USB 3.1 Enhanced
SuperSpeed
[ 1.535504] usb usb2: New USB device found, idVendor=1d6b,
idProduct=0003, bcdDevice= 4.19
[ 1.535505] usb usb2: New USB device strings: Mfr=3, Product=2,
SerialNumber=1
[ 1.535506] usb usb2: Product: xHCI Host Controller
[ 1.535506] usb usb2: Manufacturer: Linux 4.19.0-20-amd64 xhci-hcd
[ 1.535507] usb usb2: SerialNumber: 0000:00:14.0
[ 1.535609] intel-lpss 0000:00:15.1: enabling device (0000 -> 0002)
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[ 1.535638] hub 2-0:1.0: USB hub found
[ 1.535661] hub 2-0:1.0: 10 ports detected
[ 1.536750] usb: port power management may be unreliable
[ 1.537841] xhci_hcd 0000:3a:00.0: xHCI Host Controller
[ 1.537844] xhci_hcd 0000:3a:00.0: new USB bus registered, assigned
bus number 3
[ 1.539362] xhci_hcd 0000:3a:00.0: hcc params 0x200077c1 hci
version 0x110 quirks 0x00000000000009810
[ 1.539618] usb usb3: New USB device found, idVendor=1d6b,
idProduct=0002, bcdDevice= 4.19
[ 1.539619] usb usb3: New USB device strings: Mfr=3, Product=2,
SerialNumber=1
[ 1.539620] usb usb3: Product: xHCI Host Controller
[ 1.539620] usb usb3: Manufacturer: Linux 4.19.0-20-amd64 xhci-hcd
[ 1.539621] usb usb3: SerialNumber: 0000:3a:00.0
[ 1.539770] hub 3-0:1.0: USB hub found
[ 1.539779] hub 3-0:1.0: 2 ports detected
[ 1.540092] xhci_hcd 0000:3a:00.0: xHCI Host Controller
[ 1.540094] xhci_hcd 0000:3a:00.0: new USB bus registered, assigned
bus number 4
[ 1.540095] xhci_hcd 0000:3a:00.0: Host supports USB 3.1 Enhanced
SuperSpeed
[ 1.540135] usb usb4: New USB device found, idVendor=1d6b,
idProduct=0003, bcdDevice= 4.19
[ 1.540136] usb usb4: New USB device strings: Mfr=3, Product=2,
SerialNumber=1
[ 1.540136] usb usb4: Product: xHCI Host Controller
[ 1.540137] usb usb4: Manufacturer: Linux 4.19.0-20-amd64 xhci-hcd
[ 1.540137] usb usb4: SerialNumber: 0000:3a:00.0
[ 1.540249] hub 4-0:1.0: USB hub found
[ 1.540275] hub 4-0:1.0: 2 ports detected
[ 1.613151] thunderbolt 0000:04:00.0: current switch config:
[ 1.613153] thunderbolt 0000:04:00.0: Switch: 8086:15da (Revision:
6, TB Version: 2)
[ 1.613153] thunderbolt 0000:04:00.0: Max Port Number: 11
[ 1.613154] thunderbolt 0000:04:00.0: Config:
[ 1.613155] thunderbolt 0000:04:00.0: Upstream Port Number: 5
Depth: 0 Route String: 0x0 Enabled: 1, PlugEventsDelay: 254ms
[ 1.613155] thunderbolt 0000:04:00.0: unknown1: 0x0 unknown4:
0x0
[ 1.657754] thunderbolt 0000:04:00.0: 0: uid: 0xd4e3bc3c312300
[ 1.657841] thunderbolt 0000:04:00.0: Port 0: 8086:15da (Revision:
6, TB Version: 1, Type: Port (0x1))
[ 1.657841] thunderbolt 0000:04:00.0: Max hop id (in/out): 7/7
[ 1.657842] thunderbolt 0000:04:00.0: Max counters: 8
[ 1.657842] thunderbolt 0000:04:00.0: NFC Credits: 0x800000
[ 1.658352] thunderbolt 0000:04:00.0: Port 1: 8086:15da (Revision:
6, TB Version: 1, Type: Port (0x1))
[ 1.658353] thunderbolt 0000:04:00.0: Max hop id (in/out): 15/15
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[ 1.658353] thunderbolt 0000:04:00.0: Max counters: 16
[ 1.658353] thunderbolt 0000:04:00.0: NFC Credits: 0x3c000000
[ 1.658864] thunderbolt 0000:04:00.0: Port 2: 8086:15da (Revision:
6, TB Version: 1, Type: Port (0x1))
[ 1.658865] thunderbolt 0000:04:00.0: Max hop id (in/out): 15/15
[ 1.658865] thunderbolt 0000:04:00.0: Max counters: 16
[ 1.658866] thunderbolt 0000:04:00.0: NFC Credits: 0x3c000000
[ 1.658866] thunderbolt 0000:04:00.0: 0:3: disabled by eeprom
[ 1.658867] thunderbolt 0000:04:00.0: 0:4: disabled by eeprom
[ 1.658867] thunderbolt 0000:04:00.0: 0:5: disabled by eeprom
[ 1.658992] thunderbolt 0000:04:00.0: Port 6: 8086:15da (Revision:
6, TB Version: 1, Type: PCIe (0x100101))
[ 1.658993] thunderbolt 0000:04:00.0: Max hop id (in/out): 8/8
[ 1.658993] thunderbolt 0000:04:00.0: Max counters: 2
[ 1.658993] thunderbolt 0000:04:00.0: NFC Credits: 0x8000000
[ 1.659120] thunderbolt 0000:04:00.0: Port 7: 8086:15da (Revision:
6, TB Version: 1, Type: PCIe (0x100101))
[ 1.659120] thunderbolt 0000:04:00.0: Max hop id (in/out): 8/8
[ 1.659121] thunderbolt 0000:04:00.0: Max counters: 2
[ 1.659121] thunderbolt 0000:04:00.0: NFC Credits: 0x8000000
[ 1.659290] thunderbolt 0000:04:00.0: Port 8: 8086:15da (Revision:
6, TB Version: 1, Type: DP/HDMI (0xe0102))
[ 1.659290] thunderbolt 0000:04:00.0: Max hop id (in/out): 9/9
[ 1.659291] thunderbolt 0000:04:00.0: Max counters: 2
[ 1.659291] thunderbolt 0000:04:00.0: NFC Credits: 0x8000000
[ 1.659412] thunderbolt 0000:04:00.0: Port 9: 8086:15da (Revision:
6, TB Version: 1, Type: DP/HDMI (0xe0101))
[ 1.659412] thunderbolt 0000:04:00.0: Max hop id (in/out): 9/9
[ 1.659413] thunderbolt 0000:04:00.0: Max counters: 2
[ 1.659413] thunderbolt 0000:04:00.0: NFC Credits: 0x10000000
[ 1.659504] thunderbolt 0000:04:00.0: Port 10: 8086:15da
(Revision: 6, TB Version: 1, Type: DP/HDMI (0xe0101))
[ 1.659505] thunderbolt 0000:04:00.0: Max hop id (in/out): 9/9
[ 1.659505] thunderbolt 0000:04:00.0: Max counters: 2
[ 1.659506] thunderbolt 0000:04:00.0: NFC Credits: 0x10000000
[ 1.659506] thunderbolt 0000:04:00.0: 0:b: disabled by eeprom
[ 1.760341] nvme0n1: p1 p2 p3 p4 p5 p6
[ 1.778400] ahci 0000:00:17.0: version 3.0
[ 1.791673] usb 1-4: new full-speed USB device number 2 using
xhci_hcd
[ 1.811531] ahci 0000:00:17.0: AHCI 0001.0301 32 slots 1 ports 6
Gbps 0x4 impl SATA mode
[ 1.811534] ahci 0000:00:17.0: flags: 64bit ncq sntf pm clo only
pio slum part ems deso sadm sds apst
[ 1.828214] scsi host0: ahci
[ 1.828319] scsi host1: ahci
[ 1.828430] scsi host2: ahci
[ 1.828479] ata1: DUMMY
[ 1.828480] ata2: DUMMY
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[ 1.828486] ata3: SATA max UDMA/133 abar m2048@0xed521000 port
0xed521200 irq 160
[ 1.846899] checking generic (80000000 7f0000) vs hw (80000000
10000000)
[ 1.846900] fb: switching to inteldrmfb from EFI VGA
[ 1.846910] Console: switching to colour dummy device 80x25
[ 1.846955] [drm] Replacing VGA console driver
[ 1.876026] usb 4-1: new SuperSpeed Gen 1 USB device number 2 using
xhci_hcd
[ 1.896711] usb 4-1: New USB device found, idVendor=0bda,
idProduct=8153, bcdDevice=30.00
[ 1.896715] usb 4-1: New USB device strings: Mfr=1, Product=2,
SerialNumber=6
[ 1.896717] usb 4-1: Product: USB 10/100/1000 LAN
[ 1.896719] usb 4-1: Manufacturer: Realtek
[ 1.896721] usb 4-1: SerialNumber: 000001
[ 1.897359] [drm] Supports vblank timestamp caching Rev 2
(21.10.2013).
[ 1.897360] [drm] Driver supports precise vblank timestamp query.
[ 1.897514] i915 0000:00:02.0: vgaarb: changed VGA decodes:
olddecodes=io+mem,decodes=io+mem:owns=io+mem
[ 1.897618] i915 0000:00:02.0: firmware: direct-loading firmware
i915/kbl_dmc_ver1_04.bin
[ 1.898239] [drm] Finished loading DMC firmware
i915/kbl_dmc_ver1_04.bin (v1.4)
[ 1.944784] usb 1-4: New USB device found, idVendor=8087,
idProduct=0029, bcdDevice= 0.01
[ 1.944786] usb 1-4: New USB device strings: Mfr=0, Product=0,
SerialNumber=0
[ 2.075580] usb 1-7: new full-speed USB device number 3 using
xhci_hcd
[ 2.141935] ata3: SATA link down (SStatus 4 SControl 300)
[ 2.148863] i2c_hid i2c-SYNA2393:00: i2c-SYNA2393:00 supply vdd not
found, using dummy regulator
[ 2.148874] i2c_hid i2c-SYNA2393:00: Linked as a consumer to
regulator.0
[ 2.148875] i2c_hid i2c-SYNA2393:00: i2c-SYNA2393:00 supply vddl
not found, using dummy regulator
[ 2.228588] usb 1-7: New USB device found, idVendor=27c6,
idProduct=5395, bcdDevice= 1.00
[ 2.228589] usb 1-7: New USB device strings: Mfr=1, Product=2,
SerialNumber=3
[ 2.228590] usb 1-7: Product: Goodix Fingerprint Device
[ 2.228590] usb 1-7: Manufacturer: HTMicroelectronics
[ 2.228591] usb 1-7: SerialNumber: HTK32
[ 2.355578] psmouse serio1: synaptics: Unable to query device: -5
[ 2.355579] usb 1-12: new high-speed USB device number 4 using
xhci_hcd
[ 2.452584] [drm] Initialized i915 1.6.0 20180719 for 0000:00:02.0
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on minor 0
[ 2.523828] usb 1-12: New USB device found, idVendor=0c45,
idProduct=6d13, bcdDevice=92.19
[ 2.523828] usb 1-12: New USB device strings: Mfr=2, Product=1,
SerialNumber=0
[ 2.523829] usb 1-12: Product: Integrated_Webcam_HD
[ 2.523829] usb 1-12: Manufacturer: Sonix Technology Co., Ltd.
[ 2.542652] ACPI: Video Device [GFX0] (multi-head: yes rom: no
post: no)
[ 2.545736] input: Video Bus as
/devices/LNXSYSTM:00/LNXSYBUS:00/PNP0A08:00/LNXVIDEO:00/input/input6
[ 2.545799] ACPI: Video Device [PEGP] (multi-head: no rom: yes
post: no)
[ 2.545841] input: Video Bus as
/devices/LNXSYSTM:00/LNXSYBUS:00/PNP0A08:00/device:0b/LNXVIDEO:01/inpu
t/input7
[ 2.550598] fbcon: inteldrmfb (fb0) is primary device
[ 2.612941] input: SYNA2393:00 06CB:7A13 Mouse as
/devices/pci0000:00/0000:00:15.1/i2c_designware.1/i2c-8/i2c-
SYNA2393:00/0018:06CB:7A13.0001/input/input8
[ 2.613214] input: SYNA2393:00 06CB:7A13 Touchpad as
/devices/pci0000:00/0000:00:15.1/i2c_designware.1/i2c-8/i2c-
SYNA2393:00/0018:06CB:7A13.0001/input/input9
[ 2.613612] hid-generic 0018:06CB:7A13.0001: input,hidraw0: I2C HID
v1.00 Mouse [SYNA2393:00 06CB:7A13] on i2c-SYNA2393:00
[ 3.666114] Console: switching to colour frame buffer device 240x67
[ 3.685924] i915 0000:00:02.0: fb0: inteldrmfb frame buffer device
[ 3.747534] PM: Image not found (code -22)
[ 3.896037] EXT4-fs (nvme0n1p2): mounted filesystem with ordered
data mode. Opts: (null)
[ 4.014127] systemd[1]: Inserted module 'autofs4'
[ 4.228104] systemd[1]: systemd 241 running in system mode. (+PAM
+AUDIT +SELINUX +IMA +APPARMOR +SMACK +SYSVINIT +UTMP +LIBCRYPTSETUP
+GCRYPT +GNUTLS +ACL +XZ +LZ4 +SECCOMP +BLKID +ELFUTILS +KMOD -IDN2
+IDN -PCRE2 default-hierarchy=hybrid)
[ 4.248049] systemd[1]: Detected architecture x86-64.
[ 4.251552] systemd[1]: Set hostname to <grand-conjunction>.
[ 4.322611] systemd[1]: Listening on initctl Compatibility Named
Pipe.
[ 4.322701] systemd[1]: Listening on udev Control Socket.
[ 4.322749] systemd[1]: Listening on LVM2 poll daemon socket.
[ 4.323469] systemd[1]: Listening on Journal Socket (/dev/log).
[ 4.323514] systemd[1]: Listening on fsck to fsckd communication
Socket.
[ 4.323560] systemd[1]: Listening on Syslog Socket.
[ 4.323569] systemd[1]: Reached target User and Group Name Lookups.
[ 4.333651] EXT4-fs (nvme0n1p2): re-mounted. Opts: errors=remount-
ro
[ 4.337503] lp: driver loaded but no devices found
```

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[ 4.341065] ppdev: user-space parallel port driver
[ 4.350577] version 39.2
[ 4.351564] ipmi device interface
[ 4.366911] nvidia: loading out-of-tree module taints kernel.
[ 4.366916] nvidia: module license 'NVIDIA' taints kernel.
[ 4.366917] Disabling lock debugging due to kernel taint
[ 4.370038] nvidia: module verification failed: signature and/or
required key missing - tainting kernel
[ 4.375587] nvidia-nvlink: Nvlink Core is being initialized, major
device number 242
[ 4.375751] nvidia 0000:01:00.0: enabling device (0000 -> 0003)
[ 4.407725] ACPI: AC Adapter [AC] (on-line)
[ 4.409820] input: Intel HID events as
/devices/platform/INT33D5:00/input/input11
[ 4.410939] intel-hid INT33D5:00: platform supports 5 button array
[ 4.410976] input: Intel HID 5 button array as
/devices/platform/INT33D5:00/input/input12
[ 4.422678] NVRM: loading NVIDIA UNIX x86_64 Kernel Module
418.211.00 Thu Jun 10 09:26:30 UTC 2021
[ 4.441676] nvidia-modeset: Loading NVIDIA Kernel Mode Setting
Driver for UNIX platforms 418.211.00 Thu Jun 10 09:28:06 UTC 2021
[ 4.452348] tpm_tis MSFT0101:00: 2.0 TPM (device-id 0xFC, rev-id 1)
[ 4.455966] iTCO_vendor_support: vendor-support=0
[ 4.457123] idma64 idma64.0: Found Intel integrated DMA 64-bit
[ 4.467403] idma64 idma64.1: Found Intel integrated DMA 64-bit
[ 4.500414] usbcore: registered new interface driver cdc_acm
[ 4.500415] cdc_acm: USB Abstract Control Model driver for USB
modems and ISDN adapters
[ 4.500550] EFI Variables Facility v0.08 2004-May-17
[ 4.503393] input: PC Speaker as
/devices/platform/pcspkr/input/input13
[ 4.506741] media: Linux media interface: v0.10
[ 4.510030] RAPL PMU: API unit is 2^-32 Joules, 5 fixed counters,
655360 ms ovfl timer
[ 4.510031] RAPL PMU: hw unit of domain pp0-core 2^-14 Joules
[ 4.510032] RAPL PMU: hw unit of domain package 2^-14 Joules
[ 4.510032] RAPL PMU: hw unit of domain dram 2^-14 Joules
[ 4.510032] RAPL PMU: hw unit of domain ppl-gpu 2^-14 Joules
[ 4.510033] RAPL PMU: hw unit of domain psys 2^-14 Joules
[ 4.520009] alg: No test for fips(ansi_cprng) (fips_ansi_cprng)
[ 4.533124] dcdbas dcdbas: Dell Systems Management Base Driver
(version 5.6.0-3.2)
[ 4.591571] battery: ACPI: Battery Slot [BAT0] (battery present)
[ 4.593193] iTCO_wdt: Intel TCO WatchDog Timer Driver v1.11
[ 4.593420] input: Dell WMI hotkeys as
/devices/platform/PNP0C14:05/wmi_bus/wmi_bus-PNP0C14:05/9DBB5994-A997-
11DA-B012-B622A1EF5492/input/input14
[ 4.593435] iTCO_wdt iTCO_wdt: can't request region for resource
[mem 0x00c5ffffc-0x00c5ffff]
```



```
[ 4.593440] iTCO_wdt: probe of iTCO_wdt failed with error -16
[ 4.595030] proc_thermal 0000:00:04.0: enabling device (0000 ->
0002)
[ 4.596029] mei_me 0000:00:16.0: enabling device (0000 -> 0002)
[ 4.601520] usbcore: registered new interface driver r8152
[ 4.619705] Adding 1000444k swap on /dev/nvme0n1p4. Priority:-2
extents:1 across:1000444k SSFS
[ 4.643611] proc_thermal 0000:00:04.0: Creating sysfs group for
PROC_THERMAL_PCI
[ 4.646751] videodev: Linux video capture interface: v2.00
[ 4.647819] EXT4-fs (nvme0n1p3): mounted filesystem with ordered
data mode. Opts: (null)
[ 4.648019] pstore: Using compression: deflate
[ 4.648040] pstore: Registered efi as persistent store backend
[ 4.652603] [drm] [nvidia-drm] [GPU ID 0x00000100] Loading driver
[ 4.652604] [drm] Initialized nvidia-drm 0.0.0 20160202 for
0000:01:00.0 on minor 1
[ 4.653905] usbcore: registered new interface driver cdc_ether
[ 4.655640] EXT4-fs (nvme0n1p5): mounted filesystem with ordered
data mode. Opts: (null)
[ 4.677419] Bluetooth: Core ver 2.22
[ 4.677431] NET: Registered protocol family 31
[ 4.677432] Bluetooth: HCI device and connection manager
initialized
[ 4.677434] Bluetooth: HCI socket layer initialized
[ 4.677435] Bluetooth: L2CAP socket layer initialized
[ 4.677439] Bluetooth: SCO socket layer initialized
[ 4.688007] usbcore: registered new interface driver btusb
[ 4.693092] systemd-journald[382]: Received request to flush
runtime journal from PID 1
[ 4.695397] Bluetooth: hci0: Bootloader revision 0.3 build 0 week
24 2017
[ 4.696405] Bluetooth: hci0: Device revision is 1
[ 4.696406] Bluetooth: hci0: Secure boot is enabled
[ 4.696407] Bluetooth: hci0: OTP lock is enabled
[ 4.696407] Bluetooth: hci0: API lock is enabled
[ 4.696408] Bluetooth: hci0: Debug lock is disabled
[ 4.696408] Bluetooth: hci0: Minimum firmware build 1 week 10 2014
[ 4.696767] bluetooth hci0: firmware: failed to load intel/ibt-20-
1-3.sfi (-2)
[ 4.696788] firmware_class: See https://wiki.debian.org/Firmware
for information about missing firmware
[ 4.696809] bluetooth hci0: Direct firmware load for intel/ibt-20-
1-3.sfi failed with error -2
[ 4.696810] Bluetooth: hci0: Failed to load Intel firmware file
(-2)
[ 4.704940] input: SYNA2393:00 06CB:7A13 Touchpad as
/devices/pci0000:00/0000:00:15.1/i2c_designware.1/i2c-8/i2c-
SYNA2393:00/0018:06CB:7A13.0001/input/input16
```

```
[ 4.705065] hid-multitouch 0018:06CB:7A13.0001: input,hidraw0: I2C
HID v1.00 Mouse [SYNA2393:00 06CB:7A13] on i2c-SYNA2393:00
[ 4.705461] EXT4-fs (nvme0n1p6): mounted filesystem with ordered
data mode. Opts: (null)
[ 4.726148] audit: type=1400 audit(1672454101.064:2):
apparmor="STATUS" operation="profile_load" profile="unconfined"
name="libreoffice-xpdfimport" pid=673 comm="apparmor_parser"
[ 4.726420] audit: type=1400 audit(1672454101.064:3):
apparmor="STATUS" operation="profile_load" profile="unconfined"
name="libreoffice-oopslash" pid=678 comm="apparmor_parser"
[ 4.726536] audit: type=1400 audit(1672454101.064:4):
apparmor="STATUS" operation="profile_load" profile="unconfined"
name="nvidia_modprobe" pid=672 comm="apparmor_parser"
[ 4.726538] audit: type=1400 audit(1672454101.064:5):
apparmor="STATUS" operation="profile_load" profile="unconfined"
name="nvidia_modprobe//kmod" pid=672 comm="apparmor_parser"
[ 4.726539] audit: type=1400 audit(1672454101.064:6):
apparmor="STATUS" operation="profile_load" profile="unconfined"
name="torbrowser_tor" pid=670 comm="apparmor_parser"
[ 4.726923] audit: type=1400 audit(1672454101.064:7):
apparmor="STATUS" operation="profile_load" profile="unconfined"
name="/usr/sbin/cups-browsed" pid=675 comm="apparmor_parser"
[ 4.727022] audit: type=1400 audit(1672454101.064:8):
apparmor="STATUS" operation="profile_load" profile="unconfined"
name="system_tor" pid=679 comm="apparmor_parser"
[ 4.727336] audit: type=1400 audit(1672454101.064:9):
apparmor="STATUS" operation="profile_load" profile="unconfined"
name="/usr/sbin/mysqld-akonadi" pid=676 comm="apparmor_parser"
[ 4.727338] audit: type=1400 audit(1672454101.064:10):
apparmor="STATUS" operation="profile_load" profile="unconfined"
name="/usr/sbin/mysqld-akonadi///usr/sbin/mysqld" pid=676
comm="apparmor_parser"
[ 4.735719] uvcvideo: Found UVC 1.00 device Integrated_Webcam_HD
(0c45:6d13)
[ 4.736475] usb 4-1: reset SuperSpeed Gen 1 USB device number 2
using xhci_hcd
[ 4.749284] input: Integrated_Webcam_HD: Integrate as
/devices/pci0000:00/0000:00:14.0/usb1/1-12/1-12:1.0/input/input18
[ 4.749327] usbcore: registered new interface driver uvcvideo
[ 4.749327] USB Video Class driver (1.1.1)
[ 4.759543] snd_hda_intel 0000:00:1f.3: enabling device (0000 ->
0002)
[ 4.759752] snd_hda_intel 0000:00:1f.3: bound 0000:00:02.0 (ops
i915_audio_component_bind_ops [i915])
[ 4.792198] r8152 4-1:1.0 eth0: v1.09.9
[ 4.793860] snd_hda_codec_realtek hdaudioC0D0: autoconfig for
ALC3266: line_outs=1 (0x17/0x0/0x0/0x0/0x0) type:speaker
[ 4.793862] snd_hda_codec_realtek hdaudioC0D0: speaker_outs=0
(0x0/0x0/0x0/0x0/0x0)
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[ 4.793862] snd_hda_codec_realtek hdaudioC0D0: hp_outs=1
(0x21/0x0/0x0/0x0/0x0)
[ 4.793863] snd_hda_codec_realtek hdaudioC0D0: mono:
mono_out=0x0
[ 4.793863] snd_hda_codec_realtek hdaudioC0D0: inputs:
[ 4.793871] snd_hda_codec_realtek hdaudioC0D0: Headset
Mic=0x18
[ 4.793872] snd_hda_codec_realtek hdaudioC0D0: Headphone
Mic=0x1a
[ 4.793878] snd_hda_codec_realtek hdaudioC0D0: Internal
Mic=0x12
[ 4.795878] r8152 4-1:1.0 enx00e04c88d3c8: renamed from eth0
[ 4.873874] input: HDA Intel PCH Headphone Mic as
/devices/pci0000:00/0000:00:1f.3/sound/card0/input19
[ 4.873941] input: HDA Intel PCH HDMI/DP,pcm=3 as
/devices/pci0000:00/0000:00:1f.3/sound/card0/input20
[ 4.873969] input: HDA Intel PCH HDMI/DP,pcm=7 as
/devices/pci0000:00/0000:00:1f.3/sound/card0/input21
[ 4.874004] input: HDA Intel PCH HDMI/DP,pcm=8 as
/devices/pci0000:00/0000:00:1f.3/sound/card0/input22
[ 4.874075] input: HDA Intel PCH HDMI/DP,pcm=9 as
/devices/pci0000:00/0000:00:1f.3/sound/card0/input23
[ 4.874142] input: HDA Intel PCH HDMI/DP,pcm=10 as
/devices/pci0000:00/0000:00:1f.3/sound/card0/input24
[ 4.925749] intel_rapl: Found RAPL domain package
[ 4.925750] intel_rapl: Found RAPL domain core
[ 4.925751] intel_rapl: Found RAPL domain uncore
[ 4.925751] intel_rapl: Found RAPL domain dram
[ 4.975372] ACPI Warning: \_SB.PCI0.PEG0.PEGP._DSM: Argument #4
type mismatch - Found [Buffer], ACPI requires [Package]
(20180810/nsarguments-66)
[ 4.993983] Bluetooth: BNEP (Ethernet Emulation) ver 1.3
[ 4.993984] Bluetooth: BNEP filters: protocol multicast
[ 4.993986] Bluetooth: BNEP socket layer initialized
[ 6.043468] IPv6: ADDRCONF(NETDEV_UP): enx00e04c88d3c8: link is not
ready
[ 6.047462] IPv6: ADDRCONF(NETDEV_UP): enx00e04c88d3c8: link is not
ready
[ 6.637261] broken atomic modeset userspace detected, disabling
atomic
[ 7.700929] IPv6: ADDRCONF(NETDEV_CHANGE): enx00e04c88d3c8: link
becomes ready
[ 7.701088] r8152 4-1:1.0 enx00e04c88d3c8: carrier on
[ 8.179755] input: PS/2 Synaptics TouchPad as
/devices/platform/i8042/serio1/input/input4
[ 8.383651] psmouse serio1: Failed to enable mouse on
isa0060/serio1
[ 16.770021] fuse init (API version 7.27)
[ 20.208985] thunderbolt 0000:04:00.0: stopping RX ring 0
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[ 20.208993] thunderbolt 0000:04:00.0: disabling interrupt at
register 0x38200 bit 12 (0x1001 -> 0x1)
[ 20.208997] thunderbolt 0000:04:00.0: stopping TX ring 0
[ 20.209004] thunderbolt 0000:04:00.0: disabling interrupt at
register 0x38200 bit 0 (0x1 -> 0x0)
[ 20.209006] thunderbolt 0000:04:00.0: control channel stopped
[ 114.968919] kauditd_printk_skb: 22 callbacks suppressed
[ 114.968921] audit: type=1400 audit(1672454211.659:33):
apparmor="DENIED" operation="mknod" profile="/usr/bin/evince-
thumbnailer"
name="/home/pd/.thumbnails/normal/d8c41399a9d4200ee31812a06f0e92aa.png
" pid=2177 comm="evince-thumbnai" requested_mask="c" denied_mask="c"
fsuid=1001 ouid=1001
[ 116.508886] audit: type=1400 audit(1672454213.199:34):
apparmor="DENIED" operation="open" profile="/usr/bin/evince"
name="/var/lib/menu-xdg/applications/mimeinfo.cache" pid=2187
comm="evince" requested_mask="r" denied_mask="r" fsuid=1001 ouid=0
[ 116.509787] audit: type=1400 audit(1672454213.199:35):
apparmor="DENIED" operation="open" profile="/usr/bin/evince"
name="/var/lib/menu-xdg/applications/mimeinfo.cache" pid=2187
comm="evince" requested_mask="r" denied_mask="r" fsuid=1001 ouid=0
[ 146.647789] audit: type=1400 audit(1672454243.336:36):
apparmor="DENIED" operation="mknod" profile="/usr/bin/evince-
thumbnailer"
name="/home/pd/.thumbnails/normal/72f67201c55286b3bec4eb49605dee2a.png
" pid=2218 comm="evince-thumbnai" requested_mask="c" denied_mask="c"
fsuid=1001 ouid=1001
[ 146.759022] audit: type=1400 audit(1672454243.444:37):
apparmor="DENIED" operation="mknod" profile="/usr/bin/evince-
thumbnailer"
name="/home/pd/.thumbnails/normal/2d9cad016d3b580ae674f2fbbd445729.png
" pid=2228 comm="evince-thumbnai" requested_mask="c" denied_mask="c"
fsuid=1001 ouid=1001
[ 146.866949] audit: type=1400 audit(1672454243.552:38):
apparmor="DENIED" operation="mknod" profile="/usr/bin/evince-
thumbnailer"
name="/home/pd/.thumbnails/normal/ae20a132470cb6add517592ea7045719.png
" pid=2236 comm="evince-thumbnai" requested_mask="c" denied_mask="c"
fsuid=1001 ouid=1001
[ 146.980182] audit: type=1400 audit(1672454243.668:39):
apparmor="DENIED" operation="mknod" profile="/usr/bin/evince-
thumbnailer"
name="/home/pd/.thumbnails/normal/7b83123a292c91c2152f2358e607fd93.png
" pid=2244 comm="evince-thumbnai" requested_mask="c" denied_mask="c"
fsuid=1001 ouid=1001
[ 147.085782] audit: type=1400 audit(1672454243.776:40):
apparmor="DENIED" operation="mknod" profile="/usr/bin/evince-
thumbnailer"
name="/home/pd/.thumbnails/normal/2be48ecf2d53ce1552358e72de71925d.png
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" pid=2252 comm="evince-thumbnailer" requested_mask="c" denied_mask="c"
fsuid=1001 ouid=1001
[ 219.877598] audit: type=1400 audit(1672454316.565:41):
apparmor="DENIED" operation="mknod" profile="/usr/bin/evince-
thumbnailer"
name="/home/pd/.thumbnails/normal/e0773384f3eb21dc404d53c5d4b3c821.png"
" pid=2283 comm="evince-thumbnailer" requested_mask="c" denied_mask="c"
fsuid=1001 ouid=1001
[ 221.664505] audit: type=1400 audit(1672454318.353:42):
apparmor="DENIED" operation="mknod" profile="/usr/bin/evince-
thumbnailer"
name="/home/pd/.thumbnails/normal/3961532a5aa722f6c797755c35d8251e.png"
" pid=2295 comm="evince-thumbnailer" requested_mask="c" denied_mask="c"
fsuid=1001 ouid=1001
[ 221.761672] audit: type=1400 audit(1672454318.449:43):
apparmor="DENIED" operation="mknod" profile="/usr/bin/evince-
thumbnailer"
name="/home/pd/.thumbnails/normal/fb883e1937d68cff1856e8efa3e74353.png"
" pid=2304 comm="evince-thumbnailer" requested_mask="c" denied_mask="c"
fsuid=1001 ouid=1001
[ 221.859554] audit: type=1400 audit(1672454318.549:44):
apparmor="DENIED" operation="mknod" profile="/usr/bin/evince-
thumbnailer"
name="/home/pd/.thumbnails/normal/17cca944c01636bb23f5cf852af215ce.png"
" pid=2312 comm="evince-thumbnailer" requested_mask="c" denied_mask="c"
fsuid=1001 ouid=1001
[ 221.954767] audit: type=1400 audit(1672454318.645:45):
apparmor="DENIED" operation="mknod" profile="/usr/bin/evince-
thumbnailer"
name="/home/pd/.thumbnails/normal/9b9769c5d42bebf0b653dfc956614361.png"
" pid=2320 comm="evince-thumbnailer" requested_mask="c" denied_mask="c"
fsuid=1001 ouid=1001
[ 222.049696] audit: type=1400 audit(1672454318.741:46):
apparmor="DENIED" operation="mknod" profile="/usr/bin/evince-
thumbnailer"
name="/home/pd/.thumbnails/normal/0b8b7ddd9564297bce6c02d70777d015.png"
" pid=2328 comm="evince-thumbnailer" requested_mask="c" denied_mask="c"
fsuid=1001 ouid=1001
[ 222.145397] audit: type=1400 audit(1672454318.833:47):
apparmor="DENIED" operation="mknod" profile="/usr/bin/evince-
thumbnailer"
name="/home/pd/.thumbnails/normal/ec79f836bb3e3d3c8bd51391ce27fd35.png"
" pid=2336 comm="evince-thumbnailer" requested_mask="c" denied_mask="c"
fsuid=1001 ouid=1001
[ 222.241646] audit: type=1400 audit(1672454318.933:48):
apparmor="DENIED" operation="mknod" profile="/usr/bin/evince-
thumbnailer"
name="/home/pd/.thumbnails/normal/5f526f88ae41ca2891770df9bd3f8258.png"
" pid=2344 comm="evince-thumbnailer" requested_mask="c" denied_mask="c"
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fsuid=1001 ouid=1001
[ 222.339626] audit: type=1400 audit(1672454319.029:49):
apparmor="DENIED" operation="mknod" profile="/usr/bin/evince-
thumbnailer"
name="/home/pd/.thumbnails/normal/4e7980cb065a12ac92f1db7e85599206.png
" pid=2352 comm="evince-thumbnai" requested_mask="c" denied_mask="c"
fsuid=1001 ouid=1001
[ 222.434557] audit: type=1400 audit(1672454319.126:50):
apparmor="DENIED" operation="mknod" profile="/usr/bin/evince-
thumbnailer"
name="/home/pd/.thumbnails/normal/d756df56a00db0b7a22754f8ad21e007.png
" pid=2360 comm="evince-thumbnai" requested_mask="c" denied_mask="c"
fsuid=1001 ouid=1001
[ 308.912160] CPU5: Core temperature above threshold, cpu clock
throttled (total events = 78)
[ 308.912161] CPU11: Core temperature above threshold, cpu clock
throttled (total events = 78)
[ 308.912196] CPU5: Package temperature above threshold, cpu clock
throttled (total events = 229)
[ 308.912196] CPU11: Package temperature above threshold, cpu clock
throttled (total events = 229)
[ 308.912200] CPU6: Package temperature above threshold, cpu clock
throttled (total events = 229)
[ 308.912201] CPU0: Package temperature above threshold, cpu clock
throttled (total events = 229)
[ 308.912202] CPU7: Package temperature above threshold, cpu clock
throttled (total events = 229)
[ 308.912202] CPU1: Package temperature above threshold, cpu clock
throttled (total events = 226)
[ 308.912203] CPU3: Package temperature above threshold, cpu clock
throttled (total events = 229)
[ 308.912204] CPU9: Package temperature above threshold, cpu clock
throttled (total events = 229)
[ 308.912205] CPU10: Package temperature above threshold, cpu clock
throttled (total events = 229)
[ 308.912206] CPU2: Package temperature above threshold, cpu clock
throttled (total events = 229)
[ 308.912207] CPU4: Package temperature above threshold, cpu clock
throttled (total events = 229)
[ 308.912208] CPU8: Package temperature above threshold, cpu clock
throttled (total events = 229)
[ 308.913147] CPU5: Core temperature/speed normal
[ 308.913147] CPU11: Core temperature/speed normal
[ 308.913148] CPU5: Package temperature/speed normal
[ 308.913149] CPU11: Package temperature/speed normal
[ 308.913188] CPU6: Package temperature/speed normal
[ 308.913188] CPU1: Package temperature/speed normal
[ 308.913189] CPU7: Package temperature/speed normal
[ 308.913190] CPU0: Package temperature/speed normal
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[ 308.913191] CPU2: Package temperature/speed normal
[ 308.913191] CPU8: Package temperature/speed normal
[ 308.913192] CPU4: Package temperature/speed normal
[ 308.913193] CPU10: Package temperature/speed normal
[ 308.913194] CPU9: Package temperature/speed normal
[ 308.913194] CPU3: Package temperature/speed normal
[ 1253.361147] CPU6: Core temperature above threshold, cpu clock
throttled (total events = 47)
[ 1253.361148] CPU0: Core temperature above threshold, cpu clock
throttled (total events = 47)
[ 1253.361149] CPU7: Package temperature above threshold, cpu clock
throttled (total events = 242)
[ 1253.361150] CPU2: Package temperature above threshold, cpu clock
throttled (total events = 242)
[ 1253.361151] CPU5: Package temperature above threshold, cpu clock
throttled (total events = 242)
[ 1253.361152] CPU1: Package temperature above threshold, cpu clock
throttled (total events = 239)
[ 1253.361153] CPU4: Package temperature above threshold, cpu clock
throttled (total events = 242)
[ 1253.361154] CPU10: Package temperature above threshold, cpu clock
throttled (total events = 242)
[ 1253.361155] CPU8: Package temperature above threshold, cpu clock
throttled (total events = 242)
[ 1253.361156] CPU9: Package temperature above threshold, cpu clock
throttled (total events = 242)
[ 1253.361156] CPU3: Package temperature above threshold, cpu clock
throttled (total events = 242)
[ 1253.361157] CPU11: Package temperature above threshold, cpu clock
throttled (total events = 242)
[ 1253.361158] CPU0: Package temperature above threshold, cpu clock
throttled (total events = 242)
[ 1253.361158] CPU6: Package temperature above threshold, cpu clock
throttled (total events = 242)
[ 1253.362135] CPU6: Core temperature/speed normal
[ 1253.362135] CPU0: Core temperature/speed normal
[ 1253.362136] CPU7: Package temperature/speed normal
[ 1253.362137] CPU2: Package temperature/speed normal
[ 1253.362137] CPU1: Package temperature/speed normal
[ 1253.362138] CPU9: Package temperature/speed normal
[ 1253.362139] CPU11: Package temperature/speed normal
[ 1253.362140] CPU8: Package temperature/speed normal
[ 1253.362141] CPU4: Package temperature/speed normal
[ 1253.362142] CPU10: Package temperature/speed normal
[ 1253.362142] CPU3: Package temperature/speed normal
[ 1253.362143] CPU5: Package temperature/speed normal
[ 1253.362144] CPU0: Package temperature/speed normal
[ 1253.362144] CPU6: Package temperature/speed normal
[ 1785.540173] CPU11: Core temperature above threshold, cpu clock
```

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throttled (total events = 96)
[ 1785.540174] CPU5: Core temperature above threshold, cpu clock
throttled (total events = 96)
[ 1785.540176] CPU5: Package temperature above threshold, cpu clock
throttled (total events = 287)
[ 1785.540177] CPU11: Package temperature above threshold, cpu clock
throttled (total events = 287)
[ 1785.540235] CPU0: Package temperature above threshold, cpu clock
throttled (total events = 287)
[ 1785.540236] CPU8: Package temperature above threshold, cpu clock
throttled (total events = 287)
[ 1785.540237] CPU2: Package temperature above threshold, cpu clock
throttled (total events = 287)
[ 1785.540238] CPU1: Package temperature above threshold, cpu clock
throttled (total events = 284)
[ 1785.540239] CPU6: Package temperature above threshold, cpu clock
throttled (total events = 287)
[ 1785.540240] CPU7: Package temperature above threshold, cpu clock
throttled (total events = 287)
[ 1785.540241] CPU3: Package temperature above threshold, cpu clock
throttled (total events = 287)
[ 1785.540242] CPU4: Package temperature above threshold, cpu clock
throttled (total events = 287)
[ 1785.540243] CPU10: Package temperature above threshold, cpu clock
throttled (total events = 287)
[ 1785.540244] CPU9: Package temperature above threshold, cpu clock
throttled (total events = 287)
[ 1785.541170] CPU11: Core temperature/speed normal
[ 1785.541171] CPU5: Core temperature/speed normal
[ 1785.541171] CPU11: Package temperature/speed normal
[ 1785.541172] CPU5: Package temperature/speed normal
[ 1785.541225] CPU6: Package temperature/speed normal
[ 1785.541225] CPU0: Package temperature/speed normal
[ 1785.541226] CPU7: Package temperature/speed normal
[ 1785.541227] CPU10: Package temperature/speed normal
[ 1785.541228] CPU4: Package temperature/speed normal
[ 1785.541228] CPU1: Package temperature/speed normal
[ 1785.541229] CPU3: Package temperature/speed normal
[ 1785.541230] CPU2: Package temperature/speed normal
[ 1785.541231] CPU8: Package temperature/speed normal
[ 1785.541232] CPU9: Package temperature/speed normal
[ 2085.532158] CPU6: Package temperature above threshold, cpu clock
throttled (total events = 5802)
[ 2085.532159] CPU9: Package temperature above threshold, cpu clock
throttled (total events = 5802)
[ 2085.532159] CPU3: Package temperature above threshold, cpu clock
throttled (total events = 5802)
[ 2085.532160] CPU0: Package temperature above threshold, cpu clock
throttled (total events = 5802)
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[2085.532221] CPU1: Package temperature above threshold, cpu clock throttled (total events = 5799)
[2085.532221] CPU7: Package temperature above threshold, cpu clock throttled (total events = 5802)
[2085.532222] CPU8: Package temperature above threshold, cpu clock throttled (total events = 5802)
[2085.532223] CPU2: Package temperature above threshold, cpu clock throttled (total events = 5802)
[2085.532224] CPU4: Package temperature above threshold, cpu clock throttled (total events = 5802)
[2085.532225] CPU10: Package temperature above threshold, cpu clock throttled (total events = 5802)
[2085.532226] CPU5: Package temperature above threshold, cpu clock throttled (total events = 5802)
[2085.532227] CPU11: Package temperature above threshold, cpu clock throttled (total events = 5802)
[2085.539175] CPU1: Package temperature/speed normal
[2085.539175] CPU6: Package temperature/speed normal
[2085.539176] CPU9: Package temperature/speed normal
[2085.539177] CPU3: Package temperature/speed normal
[2085.539178] CPU0: Package temperature/speed normal
[2085.539178] CPU7: Package temperature/speed normal
[2085.539225] CPU2: Package temperature/speed normal
[2085.539225] CPU8: Package temperature/speed normal
[2085.539226] CPU5: Package temperature/speed normal
[2085.539227] CPU10: Package temperature/speed normal
[2085.539228] CPU4: Package temperature/speed normal
[2085.539228] CPU11: Package temperature/speed normal
[2399.989115] CPU5: Core temperature above threshold, cpu clock throttled (total events = 5448)
[2399.989116] CPU11: Core temperature above threshold, cpu clock throttled (total events = 5448)
[2399.989117] CPU9: Package temperature above threshold, cpu clock throttled (total events = 7138)
[2399.989118] CPU3: Package temperature above threshold, cpu clock throttled (total events = 7138)
[2399.989118] CPU11: Package temperature above threshold, cpu clock throttled (total events = 7138)
[2399.989119] CPU5: Package temperature above threshold, cpu clock throttled (total events = 7138)
[2399.989133] CPU7: Package temperature above threshold, cpu clock throttled (total events = 7138)
[2399.989133] CPU1: Package temperature above threshold, cpu clock throttled (total events = 7135)
[2399.989170] CPU0: Package temperature above threshold, cpu clock throttled (total events = 7138)
[2399.989170] CPU6: Package temperature above threshold, cpu clock throttled (total events = 7138)
[2399.989192] CPU4: Package temperature above threshold, cpu clock

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throttled (total events = 7138)
[ 2399.989193] CPU10: Package temperature above threshold, cpu clock
throttled (total events = 7138)
[ 2399.989194] CPU2: Package temperature above threshold, cpu clock
throttled (total events = 7138)
[ 2399.989195] CPU8: Package temperature above threshold, cpu clock
throttled (total events = 7138)
[ 2399.990157] CPU5: Core temperature/speed normal
[ 2399.990158] CPU11: Core temperature/speed normal
[ 2399.990159] CPU9: Package temperature/speed normal
[ 2399.990159] CPU7: Package temperature/speed normal
[ 2399.990160] CPU1: Package temperature/speed normal
[ 2399.990160] CPU3: Package temperature/speed normal
[ 2399.990161] CPU5: Package temperature/speed normal
[ 2399.990161] CPU11: Package temperature/speed normal
[ 2399.990195] CPU0: Package temperature/speed normal
[ 2399.990196] CPU6: Package temperature/speed normal
[ 2399.990197] CPU8: Package temperature/speed normal
[ 2399.990198] CPU2: Package temperature/speed normal
[ 2399.990199] CPU4: Package temperature/speed normal
[ 2399.990200] CPU10: Package temperature/speed normal
[ 2899.521218] CPU5: Core temperature above threshold, cpu clock
throttled (total events = 6435)
[ 2899.521219] CPU11: Core temperature above threshold, cpu clock
throttled (total events = 6435)
[ 2899.521254] CPU11: Package temperature above threshold, cpu clock
throttled (total events = 8125)
[ 2899.521255] CPU5: Package temperature above threshold, cpu clock
throttled (total events = 8125)
[ 2899.521260] CPU0: Package temperature above threshold, cpu clock
throttled (total events = 8125)
[ 2899.521260] CPU6: Package temperature above threshold, cpu clock
throttled (total events = 8125)
[ 2899.521261] CPU1: Package temperature above threshold, cpu clock
throttled (total events = 8122)
[ 2899.521262] CPU7: Package temperature above threshold, cpu clock
throttled (total events = 8125)
[ 2899.521263] CPU4: Package temperature above threshold, cpu clock
throttled (total events = 8125)
[ 2899.521264] CPU10: Package temperature above threshold, cpu clock
throttled (total events = 8125)
[ 2899.521265] CPU3: Package temperature above threshold, cpu clock
throttled (total events = 8125)
[ 2899.521266] CPU9: Package temperature above threshold, cpu clock
throttled (total events = 8125)
[ 2899.521267] CPU8: Package temperature above threshold, cpu clock
throttled (total events = 8125)
[ 2899.521268] CPU2: Package temperature above threshold, cpu clock
throttled (total events = 8125)
```

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[ 2899.522168] CPU5: Core temperature/speed normal
[ 2899.522168] CPU11: Core temperature/speed normal
[ 2899.522169] CPU5: Package temperature/speed normal
[ 2899.522170] CPU11: Package temperature/speed normal
[ 2899.522207] CPU6: Package temperature/speed normal
[ 2899.522207] CPU0: Package temperature/speed normal
[ 2899.522208] CPU7: Package temperature/speed normal
[ 2899.522209] CPU1: Package temperature/speed normal
[ 2899.522210] CPU2: Package temperature/speed normal
[ 2899.522210] CPU8: Package temperature/speed normal
[ 2899.522211] CPU9: Package temperature/speed normal
[ 2899.522212] CPU3: Package temperature/speed normal
[ 2899.522213] CPU4: Package temperature/speed normal
[ 2899.522213] CPU10: Package temperature/speed normal
[ 9554.520155] CPU0: Core temperature above threshold, cpu clock
throttled (total events = 1368)
[ 9554.520155] CPU6: Core temperature above threshold, cpu clock
throttled (total events = 1368)
[ 9554.520179] CPU7: Package temperature above threshold, cpu clock
throttled (total events = 16563)
[ 9554.520180] CPU1: Package temperature above threshold, cpu clock
throttled (total events = 16560)
[ 9554.520181] CPU9: Package temperature above threshold, cpu clock
throttled (total events = 16563)
[ 9554.520182] CPU10: Package temperature above threshold, cpu clock
throttled (total events = 16563)
[ 9554.520183] CPU3: Package temperature above threshold, cpu clock
throttled (total events = 16563)
[ 9554.520183] CPU11: Package temperature above threshold, cpu clock
throttled (total events = 16563)
[ 9554.520184] CPU4: Package temperature above threshold, cpu clock
throttled (total events = 16563)
[ 9554.520185] CPU5: Package temperature above threshold, cpu clock
throttled (total events = 16563)
[ 9554.520186] CPU6: Package temperature above threshold, cpu clock
throttled (total events = 16563)
[ 9554.520186] CPU0: Package temperature above threshold, cpu clock
throttled (total events = 16563)
[ 9554.520187] CPU2: Package temperature above threshold, cpu clock
throttled (total events = 16563)
[ 9554.520188] CPU8: Package temperature above threshold, cpu clock
throttled (total events = 16563)
[ 9554.521165] CPU0: Core temperature/speed normal
[ 9554.521166] CPU6: Core temperature/speed normal
[ 9554.521166] CPU10: Package temperature/speed normal
[ 9554.521167] CPU4: Package temperature/speed normal
[ 9554.521168] CPU9: Package temperature/speed normal
[ 9554.521168] CPU11: Package temperature/speed normal
[ 9554.521169] CPU5: Package temperature/speed normal
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[ 9554.521170] CPU3: Package temperature/speed normal
[ 9554.521195] CPU0: Package temperature/speed normal
[ 9554.521196] CPU6: Package temperature/speed normal
[ 9554.521200] CPU1: Package temperature/speed normal
[ 9554.521201] CPU7: Package temperature/speed normal
[ 9554.521202] CPU8: Package temperature/speed normal
[ 9554.521203] CPU2: Package temperature/speed normal
[15923.763168] CPU11: Core temperature above threshold, cpu clock
throttled (total events = 8442)
[15923.763168] CPU5: Core temperature above threshold, cpu clock
throttled (total events = 8442)
[15923.763171] CPU11: Package temperature above threshold, cpu clock
throttled (total events = 16600)
[15923.763204] CPU5: Package temperature above threshold, cpu clock
throttled (total events = 16600)
[15923.763210] CPU0: Package temperature above threshold, cpu clock
throttled (total events = 16600)
[15923.763210] CPU6: Package temperature above threshold, cpu clock
throttled (total events = 16600)
[15923.763211] CPU1: Package temperature above threshold, cpu clock
throttled (total events = 16597)
[15923.763212] CPU7: Package temperature above threshold, cpu clock
throttled (total events = 16600)
[15923.763213] CPU2: Package temperature above threshold, cpu clock
throttled (total events = 16600)
[15923.763214] CPU8: Package temperature above threshold, cpu clock
throttled (total events = 16600)
[15923.763215] CPU3: Package temperature above threshold, cpu clock
throttled (total events = 16600)
[15923.763216] CPU9: Package temperature above threshold, cpu clock
throttled (total events = 16600)
[15923.763217] CPU10: Package temperature above threshold, cpu clock
throttled (total events = 16600)
[15923.763217] CPU4: Package temperature above threshold, cpu clock
throttled (total events = 16600)
[15923.764155] CPU11: Core temperature/speed normal
[15923.764156] CPU5: Core temperature/speed normal
[15923.764157] CPU11: Package temperature/speed normal
[15923.764157] CPU5: Package temperature/speed normal
[15923.764203] CPU7: Package temperature/speed normal
[15923.764204] CPU6: Package temperature/speed normal
[15923.764205] CPU8: Package temperature/speed normal
[15923.764205] CPU0: Package temperature/speed normal
[15923.764206] CPU2: Package temperature/speed normal
[15923.764206] CPU1: Package temperature/speed normal
[15923.764207] CPU3: Package temperature/speed normal
[15923.764208] CPU4: Package temperature/speed normal
[15923.764209] CPU9: Package temperature/speed normal
[15923.764209] CPU10: Package temperature/speed normal
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[17384.733162] CPU10: Core temperature above threshold, cpu clock throttled (total events = 3395)
[17384.733162] CPU4: Core temperature above threshold, cpu clock throttled (total events = 3395)
[17384.733193] CPU3: Package temperature above threshold, cpu clock throttled (total events = 16601)
[17384.733195] CPU9: Package temperature above threshold, cpu clock throttled (total events = 16601)
[17384.733195] CPU4: Package temperature above threshold, cpu clock throttled (total events = 16601)
[17384.733196] CPU10: Package temperature above threshold, cpu clock throttled (total events = 16601)
[17384.733199] CPU6: Package temperature above threshold, cpu clock throttled (total events = 16601)
[17384.733200] CPU0: Package temperature above threshold, cpu clock throttled (total events = 16601)
[17384.733201] CPU8: Package temperature above threshold, cpu clock throttled (total events = 16601)
[17384.733202] CPU2: Package temperature above threshold, cpu clock throttled (total events = 16601)
[17384.733203] CPU7: Package temperature above threshold, cpu clock throttled (total events = 16601)
[17384.733203] CPU1: Package temperature above threshold, cpu clock throttled (total events = 16598)
[17384.733205] CPU5: Package temperature above threshold, cpu clock throttled (total events = 16601)
[17384.733206] CPU11: Package temperature above threshold, cpu clock throttled (total events = 16601)
[17384.734164] CPU10: Core temperature/speed normal
[17384.734164] CPU4: Core temperature/speed normal
[17384.734165] CPU9: Package temperature/speed normal
[17384.734165] CPU3: Package temperature/speed normal
[17384.734166] CPU10: Package temperature/speed normal
[17384.734197] CPU4: Package temperature/speed normal
[17384.734202] CPU0: Package temperature/speed normal
[17384.734202] CPU6: Package temperature/speed normal
[17384.734203] CPU1: Package temperature/speed normal
[17384.734204] CPU2: Package temperature/speed normal
[17384.734205] CPU8: Package temperature/speed normal
[17384.734205] CPU7: Package temperature/speed normal
[17384.734206] CPU5: Package temperature/speed normal
[17384.734207] CPU11: Package temperature/speed normal
[17685.031149] CPU9: Package temperature above threshold, cpu clock throttled (total events = 22568)
[17685.031150] CPU8: Package temperature above threshold, cpu clock throttled (total events = 22568)
[17685.031151] CPU1: Package temperature above threshold, cpu clock throttled (total events = 22565)
[17685.031184] CPU2: Package temperature above threshold, cpu clock

throttled (total events = 22568)
[17685.031184] CPU7: Package temperature above threshold, cpu clock
throttled (total events = 22568)
[17685.031185] CPU3: Package temperature above threshold, cpu clock
throttled (total events = 22568)
[17685.031186] CPU11: Package temperature above threshold, cpu clock
throttled (total events = 22568)
[17685.031187] CPU5: Package temperature above threshold, cpu clock
throttled (total events = 22568)
[17685.031189] CPU0: Package temperature above threshold, cpu clock
throttled (total events = 22568)
[17685.031190] CPU6: Package temperature above threshold, cpu clock
throttled (total events = 22568)
[17685.031191] CPU4: Package temperature above threshold, cpu clock
throttled (total events = 22568)
[17685.031192] CPU10: Package temperature above threshold, cpu clock
throttled (total events = 22568)
[17685.032145] CPU7: Package temperature/speed normal
[17685.032146] CPU1: Package temperature/speed normal
[17685.032147] CPU9: Package temperature/speed normal
[17685.032147] CPU8: Package temperature/speed normal
[17685.032148] CPU2: Package temperature/speed normal
[17685.032171] CPU10: Package temperature/speed normal
[17685.032172] CPU4: Package temperature/speed normal
[17685.032173] CPU3: Package temperature/speed normal
[17685.032175] CPU11: Package temperature/speed normal
[17685.032175] CPU5: Package temperature/speed normal
[17685.032178] CPU0: Package temperature/speed normal
[17685.032179] CPU6: Package temperature/speed normal
[17855.202165] CPU6: Core temperature above threshold, cpu clock
throttled (total events = 4499)
[17855.202165] CPU0: Core temperature above threshold, cpu clock
throttled (total events = 4499)
[17855.204132] CPU6: Core temperature/speed normal
[17855.204132] CPU0: Core temperature/speed normal
[18037.635171] CPU6: Package temperature above threshold, cpu clock
throttled (total events = 23117)
[18037.635172] CPU4: Package temperature above threshold, cpu clock
throttled (total events = 23117)
[18037.635173] CPU10: Package temperature above threshold, cpu clock
throttled (total events = 23117)
[18037.635174] CPU0: Package temperature above threshold, cpu clock
throttled (total events = 23117)
[18037.635175] CPU5: Package temperature above threshold, cpu clock
throttled (total events = 23117)
[18037.635175] CPU11: Package temperature above threshold, cpu clock
throttled (total events = 23117)
[18037.635209] CPU1: Package temperature above threshold, cpu clock
throttled (total events = 23114)

[18037.635210] CPU7: Package temperature above threshold, cpu clock throttled (total events = 23117)
[18037.635211] CPU8: Package temperature above threshold, cpu clock throttled (total events = 23117)
[18037.635212] CPU2: Package temperature above threshold, cpu clock throttled (total events = 23117)
[18037.635213] CPU3: Package temperature above threshold, cpu clock throttled (total events = 23117)
[18037.635214] CPU9: Package temperature above threshold, cpu clock throttled (total events = 23117)
[18037.636132] CPU6: Package temperature/speed normal
[18037.636132] CPU0: Package temperature/speed normal
[18037.636133] CPU11: Package temperature/speed normal
[18037.636134] CPU10: Package temperature/speed normal
[18037.636134] CPU4: Package temperature/speed normal
[18037.636135] CPU5: Package temperature/speed normal
[18037.636168] CPU1: Package temperature/speed normal
[18037.636169] CPU7: Package temperature/speed normal
[18037.636170] CPU2: Package temperature/speed normal
[18037.636170] CPU8: Package temperature/speed normal
[18037.636171] CPU9: Package temperature/speed normal
[18037.636172] CPU3: Package temperature/speed normal
[18414.198154] CPU9: Core temperature above threshold, cpu clock throttled (total events = 1658)
[18414.198154] CPU3: Core temperature above threshold, cpu clock throttled (total events = 1658)
[18414.198156] CPU7: Package temperature above threshold, cpu clock throttled (total events = 24562)
[18414.198156] CPU1: Package temperature above threshold, cpu clock throttled (total events = 24559)
[18414.198183] CPU5: Package temperature above threshold, cpu clock throttled (total events = 24562)
[18414.198184] CPU4: Package temperature above threshold, cpu clock throttled (total events = 24562)
[18414.198185] CPU11: Package temperature above threshold, cpu clock throttled (total events = 24562)
[18414.198185] CPU10: Package temperature above threshold, cpu clock throttled (total events = 24562)
[18414.198186] CPU3: Package temperature above threshold, cpu clock throttled (total events = 24562)
[18414.198187] CPU9: Package temperature above threshold, cpu clock throttled (total events = 24562)
[18414.198188] CPU0: Package temperature above threshold, cpu clock throttled (total events = 24562)
[18414.198189] CPU6: Package temperature above threshold, cpu clock throttled (total events = 24562)
[18414.198190] CPU8: Package temperature above threshold, cpu clock throttled (total events = 24562)
[18414.198190] CPU2: Package temperature above threshold, cpu clock

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throttled (total events = 24562)
[18414.199184] CPU9: Core temperature/speed normal
[18414.199185] CPU3: Core temperature/speed normal
[18414.199186] CPU7: Package temperature/speed normal
[18414.199186] CPU10: Package temperature/speed normal
[18414.199187] CPU5: Package temperature/speed normal
[18414.199188] CPU4: Package temperature/speed normal
[18414.199188] CPU11: Package temperature/speed normal
[18414.199189] CPU1: Package temperature/speed normal
[18414.199214] CPU3: Package temperature/speed normal
[18414.199215] CPU9: Package temperature/speed normal
[18414.199220] CPU0: Package temperature/speed normal
[18414.199222] CPU6: Package temperature/speed normal
[18414.199222] CPU8: Package temperature/speed normal
[18414.199224] CPU2: Package temperature/speed normal
[18805.907159] CPU8: Package temperature above threshold, cpu clock
throttled (total events = 25976)
[18805.907160] CPU9: Package temperature above threshold, cpu clock
throttled (total events = 25976)
[18805.907185] CPU3: Package temperature above threshold, cpu clock
throttled (total events = 25976)
[18805.907186] CPU7: Package temperature above threshold, cpu clock
throttled (total events = 25976)
[18805.907187] CPU2: Package temperature above threshold, cpu clock
throttled (total events = 25976)
[18805.907187] CPU1: Package temperature above threshold, cpu clock
throttled (total events = 25973)
[18805.907189] CPU6: Package temperature above threshold, cpu clock
throttled (total events = 25976)
[18805.907190] CPU0: Package temperature above threshold, cpu clock
throttled (total events = 25976)
[18805.907192] CPU4: Package temperature above threshold, cpu clock
throttled (total events = 25976)
[18805.907192] CPU10: Package temperature above threshold, cpu clock
throttled (total events = 25976)
[18805.907194] CPU11: Package temperature above threshold, cpu clock
throttled (total events = 25976)
[18805.907195] CPU5: Package temperature above threshold, cpu clock
throttled (total events = 25976)
[18805.908127] CPU7: Package temperature/speed normal
[18805.908128] CPU2: Package temperature/speed normal
[18805.908128] CPU9: Package temperature/speed normal
[18805.908129] CPU3: Package temperature/speed normal
[18805.908130] CPU8: Package temperature/speed normal
[18805.908130] CPU1: Package temperature/speed normal
[18805.908164] CPU0: Package temperature/speed normal
[18805.908165] CPU6: Package temperature/speed normal
[18805.908166] CPU10: Package temperature/speed normal
[18805.908166] CPU4: Package temperature/speed normal
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[18805.908167] CPU5: Package temperature/speed normal
[18805.908168] CPU11: Package temperature/speed normal
[19011.775122] CPU5: Core temperature above threshold, cpu clock throttled (total events = 9858)
[19011.775123] CPU11: Core temperature above threshold, cpu clock throttled (total events = 9858)
[19011.776167] CPU5: Core temperature/speed normal
[19011.776168] CPU11: Core temperature/speed normal
[19216.587172] CPU6: Package temperature above threshold, cpu clock throttled (total events = 27424)
[19216.587173] CPU0: Package temperature above threshold, cpu clock throttled (total events = 27424)
[19216.587218] CPU1: Package temperature above threshold, cpu clock throttled (total events = 27421)
[19216.587219] CPU2: Package temperature above threshold, cpu clock throttled (total events = 27424)
[19216.587220] CPU8: Package temperature above threshold, cpu clock throttled (total events = 27424)
[19216.587221] CPU5: Package temperature above threshold, cpu clock throttled (total events = 27424)
[19216.587222] CPU11: Package temperature above threshold, cpu clock throttled (total events = 27424)
[19216.587223] CPU3: Package temperature above threshold, cpu clock throttled (total events = 27424)
[19216.587223] CPU9: Package temperature above threshold, cpu clock throttled (total events = 27424)
[19216.587224] CPU7: Package temperature above threshold, cpu clock throttled (total events = 27424)
[19216.587225] CPU4: Package temperature above threshold, cpu clock throttled (total events = 27424)
[19216.587226] CPU10: Package temperature above threshold, cpu clock throttled (total events = 27424)
[19216.591191] CPU8: Package temperature/speed normal
[19216.591192] CPU0: Package temperature/speed normal
[19216.591193] CPU6: Package temperature/speed normal
[19216.591193] CPU2: Package temperature/speed normal
[19216.591200] CPU1: Package temperature/speed normal
[19216.591200] CPU3: Package temperature/speed normal
[19216.591201] CPU9: Package temperature/speed normal
[19216.591202] CPU5: Package temperature/speed normal
[19216.591202] CPU7: Package temperature/speed normal
[19216.591203] CPU10: Package temperature/speed normal
[19216.591205] CPU4: Package temperature/speed normal
[19216.591206] CPU11: Package temperature/speed normal
[19426.327119] CPU5: Core temperature above threshold, cpu clock throttled (total events = 11845)
[19426.327120] CPU11: Core temperature above threshold, cpu clock throttled (total events = 11845)
[19426.328145] CPU5: Core temperature/speed normal

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[19426.328146] CPU11: Core temperature/speed normal
[19516.619172] CPU11: Package temperature above threshold, cpu clock
throttled (total events = 30102)
[19516.619173] CPU5: Package temperature above threshold, cpu clock
throttled (total events = 30102)
[19516.619214] CPU2: Package temperature above threshold, cpu clock
throttled (total events = 30102)
[19516.619214] CPU1: Package temperature above threshold, cpu clock
throttled (total events = 30099)
[19516.619215] CPU7: Package temperature above threshold, cpu clock
throttled (total events = 30102)
[19516.619217] CPU3: Package temperature above threshold, cpu clock
throttled (total events = 30102)
[19516.619218] CPU0: Package temperature above threshold, cpu clock
throttled (total events = 30102)
[19516.619219] CPU6: Package temperature above threshold, cpu clock
throttled (total events = 30102)
[19516.619219] CPU9: Package temperature above threshold, cpu clock
throttled (total events = 30102)
[19516.619220] CPU8: Package temperature above threshold, cpu clock
throttled (total events = 30102)
[19516.619221] CPU10: Package temperature above threshold, cpu clock
throttled (total events = 30102)
[19516.619222] CPU4: Package temperature above threshold, cpu clock
throttled (total events = 30102)
[19516.620134] CPU5: Package temperature/speed normal
[19516.620168] CPU0: Package temperature/speed normal
[19516.620169] CPU6: Package temperature/speed normal
[19516.620170] CPU8: Package temperature/speed normal
[19516.620170] CPU2: Package temperature/speed normal
[19516.620171] CPU3: Package temperature/speed normal
[19516.620172] CPU9: Package temperature/speed normal
[19516.620173] CPU1: Package temperature/speed normal
[19516.620173] CPU7: Package temperature/speed normal
[19516.620174] CPU4: Package temperature/speed normal
[19516.620175] CPU10: Package temperature/speed normal
[19516.620177] CPU11: Package temperature/speed normal
[19984.948581] usb 2-1: new SuperSpeed Gen 1 USB device number 2 using
xhci_hcd
[19984.975267] usb 2-1: New USB device found, idVendor=13fe,
idProduct=6300, bcdDevice= 1.10
[19984.975271] usb 2-1: New USB device strings: Mfr=1, Product=2,
SerialNumber=3
[19984.975274] usb 2-1: Product: Patriot Memory
[19984.975277] usb 2-1: Manufacturer:
[19984.975279] usb 2-1: SerialNumber: 07211849A716D712
[19984.990297] usb-storage 2-1:1.0: USB Mass Storage device detected
[19984.990450] scsi host3: usb-storage 2-1:1.0
[19984.990497] usbcore: registered new interface driver usb-storage
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[19984.992390] usbcore: registered new interface driver uas
[19986.006265] scsi 3:0:0:0: Direct-Access                Patriot Memory
PMAP PQ: 0 ANSI: 6
[19986.018704] scsi 3:0:0:0: Attached scsi generic sg0 type 0
[19986.021974] sd 3:0:0:0: [sda] 483581952 512-byte logical blocks:
(248 GB/231 GiB)
[19986.022200] sd 3:0:0:0: [sda] Write Protect is off
[19986.022201] sd 3:0:0:0: [sda] Mode Sense: 45 00 00 00
[19986.022427] sd 3:0:0:0: [sda] Write cache: disabled, read cache:
enabled, doesn't support DPO or FUA
[19986.262684]  sda: sda1
[19986.265176] sd 3:0:0:0: [sda] Attached SCSI removable disk
[19986.562686] EXT4-fs (sda1): mounted filesystem with ordered data
mode. Opts: (null)
[20563.892660] EXT4-fs error (device sda1): ext4_map_blocks:613: inode
#2: block 9278: comm gvfs-udisks2-vo: lblock 0 mapped to illegal
pblock 9278 (length 1)
[20563.936348] EXT4-fs error (device sda1): ext4_map_blocks:613: inode
#2: block 9278: comm gvfs-udisks2-vo: lblock 0 mapped to illegal
pblock 9278 (length 1)
[20563.938589] EXT4-fs error (device sda1): ext4_map_blocks:613: inode
#2: block 9278: comm gvfs-udisks2-vo: lblock 0 mapped to illegal
pblock 9278 (length 1)
[20563.940786] EXT4-fs error (device sda1): ext4_map_blocks:613: inode
#2: block 9278: comm gvfs-udisks2-vo: lblock 0 mapped to illegal
pblock 9278 (length 1)
[20563.943029] EXT4-fs error (device sda1): ext4_map_blocks:613: inode
#2: block 9278: comm gvfs-udisks2-vo: lblock 0 mapped to illegal
pblock 9278 (length 1)
[20563.945270] EXT4-fs error (device sda1): ext4_map_blocks:613: inode
#2: block 9278: comm gvfs-udisks2-vo: lblock 0 mapped to illegal
pblock 9278 (length 1)
[20563.947499] EXT4-fs error (device sda1): ext4_map_blocks:613: inode
#2: block 9278: comm gvfs-udisks2-vo: lblock 0 mapped to illegal
pblock 9278 (length 1)
[20563.949716] EXT4-fs error (device sda1): ext4_map_blocks:613: inode
#2: block 9278: comm gvfs-udisks2-vo: lblock 0 mapped to illegal
pblock 9278 (length 1)
[20563.951922] EXT4-fs error (device sda1): ext4_map_blocks:613: inode
#2: block 9278: comm gvfs-udisks2-vo: lblock 0 mapped to illegal
pblock 9278 (length 1)
[20563.954141] EXT4-fs error (device sda1): ext4_map_blocks:613: inode
#2: block 9278: comm gvfs-udisks2-vo: lblock 0 mapped to illegal
pblock 9278 (length 1)
[20568.744858] jbd2_journal_bmap: journal block not found at offset
299 on sda1-8
[20568.744865] Aborting journal on device sda1-8.
[20569.239653] EXT4-fs error (device sda1):
ext4_journal_check_start:61: Detected aborted journal
```

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[20569.239661] EXT4-fs (sda1): Remounting filesystem read-only
[20584.449206] EXT4-fs error: 14 callbacks suppressed
[20584.449213] EXT4-fs error (device sda1): ext4_map_blocks:613: inode
#2: block 9278: comm pool: lblock 0 mapped to illegal pblock 9278
(length 1)
[20684.743416] EXT4-fs error (device sda1): ext4_map_blocks:613: inode
#2: block 9278: comm cp: lblock 0 mapped to illegal pblock 9278
(length 1)
[20720.429970] EXT4-fs error (device sda1): ext4_map_blocks:613: inode
#2: block 9278: comm pool: lblock 0 mapped to illegal pblock 9278
(length 1)
[21601.494648] EXT4-fs error (device sda1): ext4_map_blocks:613: inode
#2: block 9278: comm cp: lblock 0 mapped to illegal pblock 9278
(length 1)
[23104.557130] EXT4-fs error (device sda1): ext4_map_blocks:613: inode
#2: block 9278: comm timeshift: lblock 0 mapped to illegal pblock 9278
(length 1)
[23104.570635] EXT4-fs error (device sda1): ext4_map_blocks:613: inode
#2: block 9278: comm timeshift: lblock 0 mapped to illegal pblock 9278
(length 1)
[23819.858883] kauditd_printk_skb: 3 callbacks suppressed
[23819.858884] audit: type=1400 audit(1672477916.551:54):
apparmor="DENIED" operation="mknod" profile="/usr/bin/evince-
thumbnailer"
name="/home/pd/.thumbnails/normal/c2dd58bb0c36ce146601e225368c2ddc.png
" pid=27250 comm="evince-thumbnai" requested_mask="c" denied_mask="c"
fsuid=1001 ouid=1001
[23835.310080] audit: type=1400 audit(1672477931.999:55):
apparmor="DENIED" operation="mknod" profile="/usr/bin/evince-
thumbnailer"
name="/home/pd/.thumbnails/normal/f3d12c39573f8f1281fe655bc53df32d.png
" pid=27266 comm="evince-thumbnai" requested_mask="c" denied_mask="c"
fsuid=1001 ouid=1001
[23835.400281] audit: type=1400 audit(1672477932.091:56):
apparmor="DENIED" operation="mknod" profile="/usr/bin/evince-
thumbnailer"
name="/home/pd/.thumbnails/normal/b4267d3d296f783d3e70cfac149da58b.png
" pid=27275 comm="evince-thumbnai" requested_mask="c" denied_mask="c"
fsuid=1001 ouid=1001
[23835.492987] audit: type=1400 audit(1672477932.183:57):
apparmor="DENIED" operation="mknod" profile="/usr/bin/evince-
thumbnailer"
name="/home/pd/.thumbnails/normal/c0456acb79fa28746e99ecf1722246cb.png
" pid=27283 comm="evince-thumbnai" requested_mask="c" denied_mask="c"
fsuid=1001 ouid=1001
[24149.263123] EXT4-fs error (device sda1): ext4_remount:5344: Abort
forced by user
[25265.889699] usb 2-1: USB disconnect, device number 2
[25269.521667] usb 2-1: new SuperSpeed Gen 1 USB device number 3 using
```

xhci_hcd

[25269.548311] usb 2-1: New USB device found, idVendor=13fe, idProduct=6300, bcdDevice= 1.10

[25269.548316] usb 2-1: New USB device strings: Mfr=1, Product=2, SerialNumber=3

[25269.548319] usb 2-1: Product: Patriot Memory

[25269.548322] usb 2-1: Manufacturer:

[25269.548324] usb 2-1: SerialNumber: 07211849A716D712

[25269.550359] usb-storage 2-1:1.0: USB Mass Storage device detected

[25269.550841] scsi host3: usb-storage 2-1:1.0

[25270.575256] scsi 3:0:0:0: Direct-Access Patriot Memory

PMAP PQ: 0 ANSI: 6

[25270.575869] sd 3:0:0:0: Attached scsi generic sg0 type 0

[25270.576161] sd 3:0:0:0: [sda] 483581952 512-byte logical blocks: (248 GB/231 GiB)

[25270.576474] sd 3:0:0:0: [sda] Write Protect is off

[25270.576480] sd 3:0:0:0: [sda] Mode Sense: 45 00 00 00

[25270.576773] sd 3:0:0:0: [sda] Write cache: disabled, read cache: enabled, doesn't support DPO or FUA

[25270.848188] sda: sda1

[25270.850319] sd 3:0:0:0: [sda] Attached SCSI removable disk

[25271.147564] EXT4-fs (sda1): mounted filesystem with ordered data mode. Opts: (null)

[37089.789944] perf: interrupt took too long (2530 > 2500), lowering kernel.perf_event_max_sample_rate to 79000

[63988.852510] audit: type=1400 audit(1672518085.551:58): apparmor="DENIED" operation="mknod" profile="/usr/bin/evince-thumbnailer"

name="/home/pd/.thumbnails/normal/6a3c3ab9d21a6baedcf21e834da81ff9.png" pid=4245 comm="evince-thumbnai" requested_mask="c" denied_mask="c" fsuid=1001 ouid=1001

[63988.970927] audit: type=1400 audit(1672518085.671:59): apparmor="DENIED" operation="mknod" profile="/usr/bin/evince-thumbnailer"

name="/home/pd/.thumbnails/normal/b365478a4f72bfa0ec677b3063a129d8.png" pid=4255 comm="evince-thumbnai" requested_mask="c" denied_mask="c" fsuid=1001 ouid=1001

[63989.083614] audit: type=1400 audit(1672518085.783:60): apparmor="DENIED" operation="mknod" profile="/usr/bin/evince-thumbnailer"

name="/home/pd/.thumbnails/normal/f2606c234f627b1106d4801f8e48b4ce.png" pid=4263 comm="evince-thumbnai" requested_mask="c" denied_mask="c" fsuid=1001 ouid=1001

[64882.905143] CPU2: Core temperature above threshold, cpu clock throttled (total events = 4890)

[64882.905144] CPU8: Core temperature above threshold, cpu clock throttled (total events = 4890)

[64882.905145] CPU9: Package temperature above threshold, cpu clock throttled (total events = 32520)

[64882.905146] CPU0: Package temperature above threshold, cpu clock throttled (total events = 32520)
[64882.905147] CPU4: Package temperature above threshold, cpu clock throttled (total events = 32520)
[64882.905149] CPU11: Package temperature above threshold, cpu clock throttled (total events = 32520)
[64882.905150] CPU1: Package temperature above threshold, cpu clock throttled (total events = 32517)
[64882.905151] CPU10: Package temperature above threshold, cpu clock throttled (total events = 32520)
[64882.905152] CPU3: Package temperature above threshold, cpu clock throttled (total events = 32520)
[64882.905153] CPU7: Package temperature above threshold, cpu clock throttled (total events = 32520)
[64882.905154] CPU5: Package temperature above threshold, cpu clock throttled (total events = 32520)
[64882.905154] CPU6: Package temperature above threshold, cpu clock throttled (total events = 32520)
[64882.905155] CPU8: Package temperature above threshold, cpu clock throttled (total events = 32520)
[64882.905156] CPU2: Package temperature above threshold, cpu clock throttled (total events = 32520)
[64882.906154] CPU2: Core temperature/speed normal
[64882.906155] CPU8: Core temperature/speed normal
[64882.906156] CPU1: Package temperature/speed normal
[64882.906157] CPU7: Package temperature/speed normal
[64882.906157] CPU4: Package temperature/speed normal
[64882.906158] CPU0: Package temperature/speed normal
[64882.906159] CPU10: Package temperature/speed normal
[64882.906160] CPU5: Package temperature/speed normal
[64882.906161] CPU9: Package temperature/speed normal
[64882.906162] CPU11: Package temperature/speed normal
[64882.906162] CPU3: Package temperature/speed normal
[64882.906163] CPU8: Package temperature/speed normal
[64882.906163] CPU2: Package temperature/speed normal
[64882.906164] CPU6: Package temperature/speed normal