

GR_Sandia_wild_sun

Tue, Dec 28, 2021 4:20 PM UTC

dmesg

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root@8447c70:~# dmesg
[ 0.000000] Linux version 5.10.43-yocto-standard (oe-user@oe-host) (x86_64-poky-linux-gcc (GCC)
9.3.0, GNU ld (GNU Binutils) 2.34.0.20200220) #1 SMP PREEMPT Wed Jun 16 16:00:47 UTC 2021
[ 0.000000] Command line: BOOT_IMAGE=/boot/bzImage
root=UUID=ba1eade9-f954-4c7d-96e9-3c569650d9c4 rootwait console=null quiet splash
vt.global_cursor_default=0 consoleblank=0
[ 0.000000] x86/fpu: Supporting XSAVE feature 0x001: 'x87 floating point registers'
[ 0.000000] x86/fpu: Supporting XSAVE feature 0x002: 'SSE registers'
[ 0.000000] x86/fpu: Supporting XSAVE feature 0x008: 'MPX bounds registers'
[ 0.000000] x86/fpu: Supporting XSAVE feature 0x010: 'MPX CSR'
[ 0.000000] x86/fpu: xstate_offset[3]: 576, xstate_sizes[3]: 64
[ 0.000000] x86/fpu: xstate_offset[4]: 640, xstate_sizes[4]: 64
[ 0.000000] x86/fpu: Enabled xstate features 0x1b, context size is 704 bytes, using 'compacted' format.
[ 0.000000] BIOS-provided physical RAM map:
[ 0.000000] BIOS-e820: [mem 0x0000000000000000-0x00000000000057fff] usable
[ 0.000000] BIOS-e820: [mem 0x00000000000058000-0x00000000000058fff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000000059000-0x00000000000085fff] usable
[ 0.000000] BIOS-e820: [mem 0x00000000000086000-0x000000000000ffff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000000100000-0x000000000000ffff] usable
[ 0.000000] BIOS-e820: [mem 0x00000000000100000-0x0000000000012150fff] reserved
[ 0.000000] BIOS-e820: [mem 0x0000000000012151000-0x00000000000630b2fff] usable
[ 0.000000] BIOS-e820: [mem 0x00000000000630b3000-0x00000000000630b3fff] ACPI NVS
[ 0.000000] BIOS-e820: [mem 0x00000000000630b4000-0x00000000000630dffff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000000630de000-0x000000000007812eff] usable
[ 0.000000] BIOS-e820: [mem 0x000000000007812f000-0x00000000000783befff] type 20
[ 0.000000] BIOS-e820: [mem 0x00000000000783bf000-0x000000000007adbefff] reserved
[ 0.000000] BIOS-e820: [mem 0x000000000007adbf000-0x000000000007afbefff] ACPI NVS
[ 0.000000] BIOS-e820: [mem 0x000000000007afb000-0x000000000007affefff] ACPI data
[ 0.000000] BIOS-e820: [mem 0x000000000007aff000-0x000000000007afffff] usable
[ 0.000000] BIOS-e820: [mem 0x000000000007b000000-0x000000000007ffff] reserved
[ 0.000000] BIOS-e820: [mem 0x000000000d3709000-0x000000000d370aff] reserved
[ 0.000000] BIOS-e820: [mem 0x000000000e0000000-0x000000000e3ffff] reserved
[ 0.000000] BIOS-e820: [mem 0x000000000fed01000-0x000000000fed01fff] reserved
[ 0.000000] BIOS-e820: [mem 0x000000000ff000000-0x000000000ffff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000100000000-0x0000000017ffff] usable
[ 0.000000] NX (Execute Disable) protection: active
[ 0.000000] efi: EFI v2.50 by INSYDE Corp.
[ 0.000000] efi: ACPI 2.0=0x7affe014 SMBIOS=0x78657000 SMBIOS 3.0=0x78655000
ESRT=0x78653c58 MEMATTR=0x75f7d018
[ 0.000000] SMBIOS 3.0.0 present.
[ 0.000000] DMI: DFI Inc. EC90A/EC90A, BIOS B194.11A 04/11/2019
[ 0.000000] tsc: Detected 1593.600 MHz processor
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[0.000027] e820: update [mem 0x00000000-0x00000fff] usable ==> reserved
[0.000034] e820: remove [mem 0x000a0000-0x000fffff] usable
[0.000049] last_pfn = 0x180000 max_arch_pfn = 0x400000000
[0.000055] MTRR default type: uncachable
[0.000056] MTRR fixed ranges enabled:
[0.000060] 00000-9FFFF write-back
[0.000061] A0000-BFFFF uncachable
[0.000064] C0000-FFFFFF write-protect
[0.000066] MTRR variable ranges enabled:
[0.000069] 0 base 0000000000 mask 7F80000000 write-back
[0.000071] 1 base 007C000000 mask 7FFC000000 uncachable
[0.000073] 2 base 007B000000 mask 7FFF000000 uncachable
[0.000075] 3 base 0100000000 mask 7F80000000 write-back
[0.000078] 4 base 00FFC80000 mask 7FFFC80000 write-combining
[0.000079] 5 disabled
[0.000081] 6 disabled
[0.000082] 7 disabled
[0.000084] 8 disabled
[0.000085] 9 disabled
[0.000221] x86/PAT: Configuration [0-7]: WB WC UC- UC WB WP UC- WT
[0.000367] last_pfn = 0x7b000 max_arch_pfn = 0x400000000
[0.006757] esrt: Reserving ESRT space from 0x0000000078653c58 to 0x0000000078653c90.
[0.006785] check: Scanning 1 areas for low memory corruption
[0.006796] Using GB pages for direct mapping
[0.008521] Secure boot could not be determined
[0.008526] ACPI: Early table checksum verification disabled
[0.008532] ACPI: RSDP 0x000000007AFFE014 000024 (v02 INSYDE)
[0.008541] ACPI: XSDT 0x000000007AFD6188 0000E4 (v01 INSYDE INSYDE 00000003
01000013)
[0.008553] ACPI: FACP 0x000000007AFF5000 000114 (v06 INSYDE INSYDE 00000003 ACPI
00040000)
[0.008565] ACPI: DSDT 0x000000007AFE4000 009C69 (v02 INSYDE INSYDE 00000003 ACPI
00040000)
[0.008572] ACPI: FACS 0x000000007AEAE000 000040
[0.008578] ACPI: FACS 0x000000007AEAE000 000040
[0.008584] ACPI: UEFI 0x000000007AFFD000 000236 (v01 INSYDE INSYDE 00000001 ACPI
00040000)
[0.008591] ACPI: BDAT 0x000000007AFFB000 000030 (v02 INSYDE INSYDE 00000000 ACPI
00040000)
[0.008598] ACPI: UEFI 0x000000007AFFA000 000042 (v01 INSYDE INSYDE 00000002 ACPI
00040000)
[0.008606] ACPI: SSDT 0x000000007AFF9000 00055F (v01 INSYDE Tpm2Tabl 00001000 ACPI
00040000)
[0.008613] ACPI: TPM2 0x000000007AFF8000 000034 (v03 INSYDE INSYDE 00000002 ACPI
00040000)
[0.008620] ACPI: PSDS 0x000000007AFF7000 00004D (v01 INSYDE INSYDE 00000005 ACPI
00040000)
[0.008627] ACPI: HPET 0x000000007AFF4000 000038 (v01 INSYDE INSYDE 00000003 ACPI
00040000)

[0.008634] ACPI: LPIT 0x000000007AFF3000 00005C (v01 INSYDE INSYDE 00000003 ACPI 00040000)
[0.008641] ACPI: APIC 0x000000007AFF2000 000084 (v03 INSYDE INSYDE 00000003 ACPI 00040000)
[0.008648] ACPI: MCFG 0x000000007AFF1000 00003C (v01 INSYDE INSYDE 00000003 ACPI 00040000)
[0.008655] ACPI: NPKT 0x000000007AFF0000 000065 (v01 INSYDE INSYDE 00000003 ACPI 00040000)
[0.008662] ACPI: WDRT 0x000000007AFEF000 000047 (v01 INSYDE INSYDE 00000003 ACPI 00040000)
[0.008669] ACPI: WSMT 0x000000007AFEE000 000028 (v01 INSYDE INSYDE 00000003 ACPI 00040000)
[0.008676] ACPI: SSDT 0x000000007AFE3000 00024A (v02 INSYDE UsbCTabl 00000003 ACPI 00040000)
[0.008683] ACPI: SSDT 0x000000007AFE0000 002548 (v01 INSYDE Platform 00001000 ACPI 00040000)
[0.008690] ACPI: SSDT 0x000000007AFDF000 0003D6 (v02 INSYDE Cpu0Ist 00003000 ACPI 00040000)
[0.008698] ACPI: SSDT 0x000000007AFDE000 00072B (v02 INSYDE CpuSsdT 00003000 ACPI 00040000)
[0.008705] ACPI: SSDT 0x000000007AFDD000 00032D (v02 INSYDE Cpu0Tst 00003000 ACPI 00040000)
[0.008712] ACPI: SSDT 0x000000007AFDC000 00017C (v02 INSYDE ApTst 00003000 ACPI 00040000)
[0.008719] ACPI: SSDT 0x000000007AFD9000 002760 (v02 INSYDE SaSsdT 00003000 ACPI 00040000)
[0.008726] ACPI: SSDT 0x000000007AFD8000 0005C4 (v01 INSYDE SIOACPI 00001000 ACPI 00040000)
[0.008733] ACPI: FPDT 0x000000007AFD7000 000034 (v01 INSYDE INSYDE 00000002 ACPI 00040000)
[0.008740] ACPI: WDAT 0x000000007AFF6000 000104 (v01 INSYDE INSYDE 00000000 ACPI 00040000)
[0.008748] ACPI: Reserving FACP table memory at [mem 0x7aff5000-0x7aff5113]
[0.008751] ACPI: Reserving DSDT table memory at [mem 0x7afe4000-0x7afedc68]
[0.008753] ACPI: Reserving FACS table memory at [mem 0x7aeae000-0x7aeae03f]
[0.008756] ACPI: Reserving FACS table memory at [mem 0x7aeae000-0x7aeae03f]
[0.008758] ACPI: Reserving UEFI table memory at [mem 0x7affd000-0x7affd235]
[0.008760] ACPI: Reserving BDAT table memory at [mem 0x7affb000-0x7affb02f]
[0.008762] ACPI: Reserving UEFI table memory at [mem 0x7affa000-0x7affa041]
[0.008765] ACPI: Reserving SSDT table memory at [mem 0x7aff9000-0x7aff955e]
[0.008767] ACPI: Reserving TPM2 table memory at [mem 0x7aff8000-0x7aff8033]
[0.008769] ACPI: Reserving PSDS table memory at [mem 0x7aff7000-0x7aff704c]
[0.008772] ACPI: Reserving HPET table memory at [mem 0x7aff4000-0x7aff4037]
[0.008774] ACPI: Reserving LPIT table memory at [mem 0x7aff3000-0x7aff305b]
[0.008777] ACPI: Reserving APIC table memory at [mem 0x7aff2000-0x7aff2083]
[0.008779] ACPI: Reserving MCFG table memory at [mem 0x7aff1000-0x7aff103b]
[0.008781] ACPI: Reserving NPKT table memory at [mem 0x7aff0000-0x7aff0064]
[0.008784] ACPI: Reserving WDRT table memory at [mem 0x7afef000-0x7afef046]
[0.008786] ACPI: Reserving WSMT table memory at [mem 0x7afee000-0x7afee027]

[0.008789] ACPI: Reserving SSDT table memory at [mem 0x7afe3000-0x7afe3249]
[0.008791] ACPI: Reserving SSDT table memory at [mem 0x7afe0000-0x7afe2547]
[0.008794] ACPI: Reserving SSDT table memory at [mem 0x7afdf000-0x7afdf3d5]
[0.008796] ACPI: Reserving SSDT table memory at [mem 0x7afde000-0x7afde72a]
[0.008798] ACPI: Reserving SSDT table memory at [mem 0x7afdd000-0x7afdd32c]
[0.008801] ACPI: Reserving SSDT table memory at [mem 0x7afdc000-0x7afdc17b]
[0.008803] ACPI: Reserving SSDT table memory at [mem 0x7afd9000-0x7afdb75f]
[0.008806] ACPI: Reserving SSDT table memory at [mem 0x7afd8000-0x7afd85c3]
[0.008808] ACPI: Reserving FPDТ table memory at [mem 0x7afd7000-0x7afd7033]
[0.008811] ACPI: Reserving WDAT table memory at [mem 0x7aff6000-0x7aff6103]
[0.008828] ACPI: Local APIC address 0xfee00000
[0.008869] Zone ranges:
[0.008871] DMA [mem 0x0000000000001000-0x0000000000ffffff]
[0.008875] DMA32 [mem 0x0000000010000000-0x00000000ffffff]
[0.008878] Normal [mem 0x0000000100000000-0x000000017ffffff]
[0.008882] Movable zone start for each node
[0.008883] Early memory node ranges
[0.008886] node 0: [mem 0x0000000000001000-0x0000000000057fff]
[0.008888] node 0: [mem 0x0000000000059000-0x0000000000085fff]
[0.008890] node 0: [mem 0x0000000001000000-0x00000000ffffff]
[0.008892] node 0: [mem 0x0000000012151000-0x00000000630b2fff]
[0.008894] node 0: [mem 0x00000000630de000-0x000000007812efff]
[0.008896] node 0: [mem 0x000000007aff0000-0x000000007affffff]
[0.008898] node 0: [mem 0x0000000100000000-0x000000017ffffff]
[0.008902] Initmem setup node 0 [mem 0x0000000000001000-0x000000017ffffff]
[0.008906] On node 0 totalpages: 1007416
[0.008909] DMA zone: 64 pages used for memmap
[0.008910] DMA zone: 22 pages reserved
[0.008913] DMA zone: 3972 pages, LIFO batch:0
[0.009657] DMA zone: 28796 pages in unavailable ranges
[0.009661] DMA32 zone: 7487 pages used for memmap
[0.009663] DMA32 zone: 479156 pages, LIFO batch:63
[0.018328] DMA32 zone: 41036 pages in unavailable ranges
[0.018331] Normal zone: 8192 pages used for memmap
[0.018333] Normal zone: 524288 pages, LIFO batch:63
[0.026774] Reserving Intel graphics memory at [mem 0x7c000000-0x7fffffff]
[0.026959] ACPI: PM-Timer IO Port: 0x408
[0.026964] ACPI: Local APIC address 0xfee00000
[0.026977] ACPI: LAPIC_NMI (acpi_id[0x01] high level lint[0x1])
[0.026979] ACPI: LAPIC_NMI (acpi_id[0x02] high level lint[0x1])
[0.026981] ACPI: LAPIC_NMI (acpi_id[0x03] high level lint[0x1])
[0.026983] ACPI: LAPIC_NMI (acpi_id[0x04] high level lint[0x1])
[0.027020] IOAPIC[0]: apic_id 1, version 32, address 0xfec00000, GSI 0-119
[0.027024] ACPI: INT_SRC_OVR (bus 0 bus_irq 0 global_irq 2 dfl dfl)
[0.027028] ACPI: INT_SRC_OVR (bus 0 bus_irq 9 global_irq 9 low level)
[0.027031] ACPI: IRQ0 used by override.
[0.027033] ACPI: IRQ9 used by override.
[0.027037] Using ACPI (MADТ) for SMP configuration information
[0.027040] ACPI: HPET id: 0x8086a701 base: 0xfed00000

[0.027050] TSC deadline timer available
[0.027053] smpboot: Allowing 4 CPUs, 0 hotplug CPUs
[0.027110] [mem 0x80000000-0xd3708fff] available for PCI devices
[0.027115] Booting paravirtualized kernel on bare hardware
[0.027122] clocksource: refined-jiffies: mask: 0xffffffff max_cycles: 0xffffffff, max_idle_ns:
1910969940391419 ns
[0.027134] setup_percpu: NR_CPUS:64 nr_cpumask_bits:64 nr_cpu_ids:4 nr_node_ids:1
[0.027851] percpu: Embedded 53 pages/cpu s176856 r8192 d32040 u524288
[0.027869] pcpu-alloc: s176856 r8192 d32040 u524288 alloc=1*2097152
[0.027872] pcpu-alloc: [0] 0 1 2 3
[0.027928] Built 1 zonelists, mobility grouping on. Total pages: 991651
[0.027933] Kernel command line: BOOT_IMAGE=/boot/bzImage
root=UUID=ba1eade9-f954-4c7d-96e9-3c569650d9c4 rootwait console=null quiet splash
vt.global_cursor_default=0 consoleblank=0
[0.029098] Dentry cache hash table entries: 524288 (order: 10, 4194304 bytes, linear)
[0.029595] Inode-cache hash table entries: 262144 (order: 9, 2097152 bytes, linear)
[0.029677] mem auto-init: stack:off, heap alloc:off, heap free:off
[0.070489] Memory: 3806832K/4029664K available (16396K kernel code, 2161K rwddata, 3592K
rodata, 14476K init, 1640K bss, 222572K reserved, 0K cma-reserved)
[0.070583] SLUB: HWalign=64, Order=0-3, MinObjects=0, CPUs=4, Nodes=1
[0.070606] ftrace: allocating 47823 entries in 187 pages
[0.102412] ftrace: allocated 187 pages with 6 groups
[0.102598] rcu: Preemptible hierarchical RCU implementation.
[0.102600] rcu: RCU event tracing is enabled.
[0.102603] rcu: RCU restricting CPUs from NR_CPUS=64 to nr_cpu_ids=4.
[0.102606] Trampoline variant of Tasks RCU enabled.
[0.102607] Rude variant of Tasks RCU enabled.
[0.102609] Tracing variant of Tasks RCU enabled.
[0.102611] rcu: RCU calculated value of scheduler-enlistment delay is 100 jiffies.
[0.102613] rcu: Adjusting geometry for rcu_fanout_leaf=16, nr_cpu_ids=4
[0.111810] NR_IRQS: 4352, nr_irqs: 1024, preallocated irq: 16
[0.112396] random: get_random_bytes called from start_kernel+0x380/0x541 with crng_init=0
[0.112453] Console: colour dummy device 80x25
[0.112476] ACPI: Core revision 20200925
[0.113157] clocksource: hpet: mask: 0xffffffff max_cycles: 0xffffffff, max_idle_ns: 99544814920 ns
[0.113257] APIC: Switch to symmetric I/O mode setup
[0.114606] x2apic: IRQ remapping doesn't support X2APIC mode
[0.119360] ..TIMER: vector=0x30 apic1=0 pin1=2 apic2=-1 pin2=-1
[0.124208] clocksource: tsc-early: mask: 0xffffffffffffffff max_cycles: 0x16f8873b2b5, max_idle_ns:
440795270785 ns
[0.124214] Calibrating delay loop (skipped), value calculated using timer frequency.. 3187.20
BogoMIPS (lpj=1593600)
[0.124220] pid_max: default: 32768 minimum: 301
[0.128284] LSM: Security Framework initializing
[0.128349] Mount-cache hash table entries: 8192 (order: 4, 65536 bytes, linear)
[0.128368] Mountpoint-cache hash table entries: 8192 (order: 4, 65536 bytes, linear)
[0.128892] mce: CPU0: Thermal monitoring enabled (TM1)
[0.128979] Last level iTLB entries: 4KB 48, 2MB 0, 4MB 0
[0.128981] Last level dTLB entries: 4KB 0, 2MB 0, 4MB 0, 1GB 0

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[ 0.128985] Spectre V1 : Mitigation: usercopy/swapgs barriers and __user pointer sanitization
[ 0.128989] Spectre V2 : Mitigation: Full generic retpoline
[ 0.128991] Spectre V2 : Spectre v2 / SpectreRSB mitigation: Filling RSB on context switch
[ 0.128993] Spectre V2 : Enabling Restricted Speculation for firmware calls
[ 0.128995] Spectre V2 : mitigation: Enabling conditional Indirect Branch Prediction Barrier
[ 0.129513] Freeing SMP alternatives memory: 48K
[ 0.130368] smpboot: CPU0: Intel(R) Atom(TM) Processor E3940 @ 1.60GHz (family: 0x6, model: 0x5c,
stepping: 0x9)
[ 0.130722] Performance Events: PEBS fmt3+, Goldmont events, 32-deep LBR, full-width counters,
Intel PMU driver.
[ 0.130752] ... version:          4
[ 0.130754] ... bit width:          48
[ 0.130756] ... generic registers:      4
[ 0.130758] ... value mask:           0000ffffffff
[ 0.130759] ... max period:            00007fffffffff
[ 0.130761] ... fixed-purpose events:    3
[ 0.130762] ... event mask:           000000070000000f
[ 0.130967] rcu: Hierarchical SRCU implementation.
[ 0.131335] smp: Bringing up secondary CPUs ...
[ 0.131572] x86: Booting SMP configuration:
[ 0.131576] .... node #0, CPUs:      #1 #2 #3
[ 0.133734] smp: Brought up 1 node, 4 CPUs
[ 0.133734] smpboot: Max logical packages: 1
[ 0.133734] smpboot: Total of 4 processors activated (12748.80 BogoMIPS)
[ 0.134515] devtmpfs: initialized
[ 0.135256] PM: Registering ACPI NVS region [mem 0x630b3000-0x630b3fff] (4096 bytes)
[ 0.135260] PM: Registering ACPI NVS region [mem 0x7adb0000-0x7afbefff] (2097152 bytes)
[ 0.135382] clocksource: jiffies: mask: 0xffffffff max_cycles: 0xffffffff, max_idle_ns: 1911260446275000
ns
[ 0.135394] futex hash table entries: 1024 (order: 4, 65536 bytes, linear)
[ 0.135502] pinctrl core: initialized pinctrl subsystem
[ 0.135807] NET: Registered protocol family 16
[ 0.136165] thermal_sys: Registered thermal governor 'step_wise'
[ 0.136167] thermal_sys: Registered thermal governor 'user_space'
[ 0.136239] cpuidle: using governor menu
[ 0.136328] ACPI FADT declares the system doesn't support PCIe ASPM, so disable it
[ 0.136335] ACPI: bus type PCI registered
[ 0.136455] PCI: MMCONFIG for domain 0000 [bus 00-3f] at [mem 0xe0000000-0xe3ffffff] (base
0xe0000000)
[ 0.136463] PCI: MMCONFIG at [mem 0xe0000000-0xe3ffffff] reserved in E820
[ 0.136497] PCI: Using configuration type 1 for base access
[ 0.139402] Kprobes globally optimized
[ 0.159403] raid6: sse2x4  gen() 5201 MB/s
[ 0.176437] raid6: sse2x4  xor() 1011 MB/s
[ 0.193468] raid6: sse2x2  gen() 5625 MB/s
[ 0.210501] raid6: sse2x2  xor() 3232 MB/s
[ 0.227533] raid6: sse2x1  gen() 4688 MB/s
[ 0.244571] raid6: sse2x1  xor() 2957 MB/s
[ 0.244573] raid6: using algorithm sse2x2 gen() 5625 MB/s
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[0.244575] raid6: xor() 3232 MB/s, rmw enabled
[0.244577] raid6: using ssse3x2 recovery algorithm
[0.244664] ACPI: Added _OSI(Module Device)
[0.244667] ACPI: Added _OSI(Processor Device)
[0.244669] ACPI: Added _OSI(3.0 _SCP Extensions)
[0.244671] ACPI: Added _OSI(Processor Aggregator Device)
[0.244674] ACPI: Added _OSI(Linux-Dell-Video)
[0.244677] ACPI: Added _OSI(Linux-Lenovo-NV-HDMI-Audio)
[0.244679] ACPI: Added _OSI(Linux-HPI-Hybrid-Graphics)
[0.259291] ACPI: 10 ACPI AML tables successfully acquired and loaded
[0.263995] ACPI: Dynamic OEM Table Load:
[0.264013] ACPI: SSDT 0xFFFF9B0380894C00 000102 (v02 PmRef Cpu0Cst 00003001 INTL
20130117)
[0.265861] ACPI: Dynamic OEM Table Load:
[0.265875] ACPI: SSDT 0xFFFF9B0380894A00 00015F (v02 PmRef Aplst 00003000 INTL
20130117)
[0.267423] ACPI: Dynamic OEM Table Load:
[0.267436] ACPI: SSDT 0xFFFF9B03803AF600 00008D (v02 PmRef ApCst 00003000 INTL
20130117)
[0.270786] ACPI: Interpreter enabled
[0.270828] ACPI: (supports S0 S3 S5)
[0.270832] ACPI: Using IOAPIC for interrupt routing
[0.270893] PCI: Using host bridge windows from ACPI; if necessary, use "pci=nocrs" and report a bug
[0.271666] ACPI: Enabled 8 GPEs in block 00 to 7F
[0.289656] ACPI: Power Resource [FN00] (on)
[0.290844] ACPI: PCI Root Bridge [PCI0] (domain 0000 [bus 00-ff])
[0.290858] acpi PNP0A08:00: _OSC: OS supports [ExtendedConfig ASPM ClockPM Segments MSI
HPX-Type3]
[0.290933] acpi PNP0A08:00: _OSC failed (AE_ERROR); disabling ASPM
[0.290941] acpi PNP0A08:00: [Firmware Info]: MMCONFIG for domain 0000 [bus 00-3f] only partially
covers this bridge
[0.291277] PCI host bridge to bus 0000:00
[0.291283] pci_bus 0000:00: root bus resource [io 0x0070-0x0077]
[0.291286] pci_bus 0000:00: root bus resource [io 0x0000-0x006f window]
[0.291289] pci_bus 0000:00: root bus resource [io 0x0078-0x0cf7 window]
[0.291292] pci_bus 0000:00: root bus resource [io 0x0d00-0xffff window]
[0.291295] pci_bus 0000:00: root bus resource [mem 0x7c000001-0x7ffffff window]
[0.291297] pci_bus 0000:00: root bus resource [mem 0x7b800001-0x7bffffff window]
[0.291300] pci_bus 0000:00: root bus resource [mem 0x80000000-0xcfffffff window]
[0.291303] pci_bus 0000:00: root bus resource [mem 0xe0000000-0xffffffff window]
[0.291306] pci_bus 0000:00: root bus resource [bus 00-ff]
[0.291340] pci 0000:00:00.0: [8086:5af0] type 00 class 0x060000
[0.291868] pci 0000:00:02.0: [8086:5a85] type 00 class 0x030000
[0.291889] pci 0000:00:02.0: reg 0x10: [mem 0x90000000-0x90ffffff 64bit]
[0.291900] pci 0000:00:02.0: reg 0x18: [mem 0x80000000-0x80ffffff 64bit pref]
[0.291909] pci 0000:00:02.0: reg 0x20: [io 0x3000-0x303f]
[0.292450] pci 0000:00:0e.0: [8086:5a98] type 00 class 0x040300
[0.292473] pci 0000:00:0e.0: reg 0x10: [mem 0x91310000-0x91313fff 64bit]
[0.292505] pci 0000:00:0e.0: reg 0x20: [mem 0x91000000-0x910fffff 64bit]

[0.292570] pci 0000:00:0e.0: PME# supported from D0 D3hot D3cold
[0.293061] pci 0000:00:0f.0: [8086:5a9a] type 00 class 0x078000
[0.293099] pci 0000:00:0f.0: reg 0x10: [mem 0x91316000-0x91316fff 64bit]
[0.293232] pci 0000:00:0f.0: PME# supported from D3hot
[0.293652] pci 0000:00:12.0: [8086:5ae3] type 00 class 0x010601
[0.293672] pci 0000:00:12.0: reg 0x10: [mem 0x91314000-0x91315fff]
[0.293686] pci 0000:00:12.0: reg 0x14: [mem 0x9131b000-0x9131b0ff]
[0.293699] pci 0000:00:12.0: reg 0x18: [io 0x3080-0x3087]
[0.293711] pci 0000:00:12.0: reg 0x1c: [io 0x3088-0x308b]
[0.293721] pci 0000:00:12.0: reg 0x20: [io 0x3060-0x307f]
[0.293734] pci 0000:00:12.0: reg 0x24: [mem 0x91319000-0x913197ff]
[0.293791] pci 0000:00:12.0: PME# supported from D3hot
[0.294209] pci 0000:00:13.0: [8086:5ad8] type 01 class 0x060400
[0.294321] pci 0000:00:13.0: PME# supported from D0 D3hot D3cold
[0.294771] pci 0000:00:13.1: [8086:5ad9] type 01 class 0x060400
[0.294881] pci 0000:00:13.1: PME# supported from D0 D3hot D3cold
[0.295332] pci 0000:00:15.0: [8086:5aa8] type 00 class 0x0c0330
[0.295357] pci 0000:00:15.0: reg 0x10: [mem 0x91300000-0x9130ffff 64bit]
[0.295444] pci 0000:00:15.0: PME# supported from D3hot D3cold
[0.295911] pci 0000:00:1c.0: [8086:5acc] type 00 class 0x080501
[0.295947] pci 0000:00:1c.0: reg 0x10: [mem 0x91317000-0x91317fff 64bit]
[0.295970] pci 0000:00:1c.0: reg 0x18: [mem 0x91318000-0x91318fff 64bit]
[0.296526] pci 0000:00:1f.0: [8086:5ae8] type 00 class 0x060100
[0.297073] pci 0000:00:1f.1: [8086:5ad4] type 00 class 0x0c0500
[0.297140] pci 0000:00:1f.1: reg 0x10: [mem 0x9131a000-0x9131a0ff 64bit]
[0.297223] pci 0000:00:1f.1: reg 0x20: [io 0x3040-0x305f]
[0.297777] pci 0000:01:00.0: [8086:1533] type 00 class 0x020000
[0.297808] pci 0000:01:00.0: reg 0x10: [mem 0x91200000-0x9127ffff]
[0.297837] pci 0000:01:00.0: reg 0x18: [io 0x2000-0x201f]
[0.297854] pci 0000:01:00.0: reg 0x1c: [mem 0x91280000-0x91283fff]
[0.298019] pci 0000:01:00.0: PME# supported from D0 D3hot D3cold
[0.298166] pci 0000:00:13.0: PCI bridge to [bus 01]
[0.298173] pci 0000:00:13.0: bridge window [io 0x2000-0x2fff]
[0.298178] pci 0000:00:13.0: bridge window [mem 0x91200000-0x912fffff]
[0.298275] pci 0000:02:00.0: [8086:1533] type 00 class 0x020000
[0.298306] pci 0000:02:00.0: reg 0x10: [mem 0x91100000-0x9117ffff]
[0.298337] pci 0000:02:00.0: reg 0x18: [io 0x1000-0x101f]
[0.298353] pci 0000:02:00.0: reg 0x1c: [mem 0x91180000-0x91183fff]
[0.298517] pci 0000:02:00.0: PME# supported from D0 D3hot D3cold
[0.298667] pci 0000:00:13.1: PCI bridge to [bus 02]
[0.298674] pci 0000:00:13.1: bridge window [io 0x1000-0x1fff]
[0.298679] pci 0000:00:13.1: bridge window [mem 0x91100000-0x911fffff]
[0.298700] pci_bus 0000:00: on NUMA node 0
[0.300061] ACPI: PCI Interrupt Link [LNKA] (IRQs 3 4 5 6 10 11 12 14 *15), disabled.
[0.300191] ACPI: PCI Interrupt Link [LNKB] (IRQs 3 4 5 6 10 11 12 14 *15), disabled.
[0.300320] ACPI: PCI Interrupt Link [LNKC] (IRQs 3 4 5 6 10 11 12 14 *15), disabled.
[0.300444] ACPI: PCI Interrupt Link [LNKD] (IRQs 3 4 5 6 10 11 12 14 *15), disabled.
[0.300570] ACPI: PCI Interrupt Link [LNKE] (IRQs 3 4 5 6 10 11 12 14 *15), disabled.
[0.300694] ACPI: PCI Interrupt Link [LNKF] (IRQs 3 4 5 6 10 11 12 14 *15), disabled.

[0.300818] ACPI: PCI Interrupt Link [LNKG] (IRQs 3 4 5 6 10 11 12 14 *15), disabled.
[0.300942] ACPI: PCI Interrupt Link [LNKH] (IRQs 3 4 5 6 10 11 12 14 *15), disabled.
[0.302200] iommu: Default domain type: Translated
[0.302257] pci 0000:00:02.0: vgaarb: setting as boot VGA device
[0.302257] pci 0000:00:02.0: vgaarb: VGA device added: decodes=io+mem,owns=io+mem,locks=none
[0.302257] pci 0000:00:02.0: vgaarb: bridge control possible
[0.302257] vgaarb: loaded
[0.302385] SCSI subsystem initialized
[0.302409] libata version 3.00 loaded.
[0.302409] ACPI: bus type USB registered
[0.302409] usbcore: registered new interface driver usbfs
[0.302409] usbcore: registered new interface driver hub
[0.302409] usbcore: registered new device driver usb
[0.302409] pps_core: LinuxPPS API ver. 1 registered
[0.302409] pps_core: Software ver. 5.3.6 - Copyright 2005-2007 Rodolfo Giometti <giometti@linux.it>
[0.302409] PTP clock support registered
[0.303324] Registered efivars operations
[0.303378] Advanced Linux Sound Architecture Driver Initialized.
[0.303378] Bluetooth: Core ver 2.22
[0.303378] NET: Registered protocol family 31
[0.303378] Bluetooth: HCI device and connection manager initialized
[0.303378] Bluetooth: HCI socket layer initialized
[0.303378] Bluetooth: L2CAP socket layer initialized
[0.303378] Bluetooth: SCO socket layer initialized
[0.303378] PCI: Using ACPI for IRQ routing
[0.310230] PCI: pci_cache_line_size set to 64 bytes
[0.310309] e820: reserve RAM buffer [mem 0x00058000-0x0005ffff]
[0.310313] e820: reserve RAM buffer [mem 0x00086000-0x0008ffff]
[0.310315] e820: reserve RAM buffer [mem 0x630b3000-0x63ffffff]
[0.310317] e820: reserve RAM buffer [mem 0x7812f000-0x7bffffff]
[0.310320] e820: reserve RAM buffer [mem 0x7b000000-0x7bffffff]
[0.310452] hpet0: at MMIO 0xfed00000, IRQs 2, 8, 0, 0, 0, 0, 0
[0.310467] hpet0: 8 comparators, 64-bit 19.200000 MHz counter
[0.312255] clocksource: Switched to clocksource tsc-early
[0.655340] pnp: PnP ACPI init
[0.655602] system 00:00: [io 0x0680-0x069f] has been reserved
[0.655607] system 00:00: [io 0x0400-0x047f] has been reserved
[0.655610] system 00:00: [io 0x0500-0x05fe] has been reserved
[0.655624] system 00:00: Plug and Play ACPI device, IDs PNP0c02 (active)
[0.656083] ACPI: IRQ 4 override to edge, high
[0.656156] pnp 00:01: Plug and Play ACPI device, IDs PNP0501 (active)
[0.657019] system 00:02: [mem 0xe0000000-0xffffffff] could not be reserved
[0.657024] system 00:02: [mem 0xfea00000-0xfeafffff] has been reserved
[0.657027] system 00:02: [mem 0xfed01000-0xfed01fff] has been reserved
[0.657030] system 00:02: [mem 0xfed03000-0xfed03fff] has been reserved
[0.657033] system 00:02: [mem 0xfed06000-0xfed06fff] has been reserved
[0.657036] system 00:02: [mem 0xfed08000-0xfed09fff] has been reserved
[0.657039] system 00:02: [mem 0xfed80000-0xfedbffff] has been reserved
[0.657043] system 00:02: [mem 0xfed1c000-0xfed1cfff] has been reserved

[0.657046] system 00:02: [mem 0xfee00000-0xfeefffff] has been reserved
[0.657056] system 00:02: Plug and Play ACPI device, IDs PNP0c02 (active)
[0.657579] pnp 00:03: Plug and Play ACPI device, IDs PNP0b00 (active)
[0.657870] pnp: PnP ACPI: found 4 devices
[0.666158] clocksource: acpi_pm: mask: 0xffff max_cycles: 0xffff, max_idle_ns: 2085701024 ns
[0.666230] NET: Registered protocol family 2
[0.666404] IP idents hash table entries: 65536 (order: 7, 524288 bytes, linear)
[0.667650] tcp_listen_portaddr_hash hash table entries: 2048 (order: 3, 32768 bytes, linear)
[0.667680] TCP established hash table entries: 32768 (order: 6, 262144 bytes, linear)
[0.667865] TCP bind hash table entries: 32768 (order: 7, 524288 bytes, linear)
[0.668106] TCP: Hash tables configured (established 32768 bind 32768)
[0.668198] UDP hash table entries: 2048 (order: 4, 65536 bytes, linear)
[0.668278] UDP-Lite hash table entries: 2048 (order: 4, 65536 bytes, linear)
[0.668410] NET: Registered protocol family 1
[0.668720] RPC: Registered named UNIX socket transport module.
[0.668723] RPC: Registered udp transport module.
[0.668725] RPC: Registered tcp transport module.
[0.668726] RPC: Registered tcp NFSv4.1 backchannel transport module.
[0.668751] pci 0000:00:13.0: PCI bridge to [bus 01]
[0.668759] pci 0000:00:13.0: bridge window [io 0x2000-0x2fff]
[0.668766] pci 0000:00:13.0: bridge window [mem 0x91200000-0x912fffff]
[0.668776] pci 0000:00:13.1: PCI bridge to [bus 02]
[0.668780] pci 0000:00:13.1: bridge window [io 0x1000-0x1fff]
[0.668786] pci 0000:00:13.1: bridge window [mem 0x91100000-0x911fffff]
[0.668797] pci_bus 0000:00: resource 4 [io 0x0070-0x0077]
[0.668800] pci_bus 0000:00: resource 5 [io 0x0000-0x006f window]
[0.668803] pci_bus 0000:00: resource 6 [io 0x0078-0x0cf7 window]
[0.668806] pci_bus 0000:00: resource 7 [io 0x0d00-0xffff window]
[0.668808] pci_bus 0000:00: resource 8 [mem 0x7c000001-0x7ffffff window]
[0.668811] pci_bus 0000:00: resource 9 [mem 0x7b800001-0x7bffffff window]
[0.668814] pci_bus 0000:00: resource 10 [mem 0x80000000-0xcfffffff window]
[0.668817] pci_bus 0000:00: resource 11 [mem 0xe0000000-0xffffffff window]
[0.668820] pci_bus 0000:01: resource 0 [io 0x2000-0x2fff]
[0.668823] pci_bus 0000:01: resource 1 [mem 0x91200000-0x912fffff]
[0.668826] pci_bus 0000:02: resource 0 [io 0x1000-0x1fff]
[0.668829] pci_bus 0000:02: resource 1 [mem 0x91100000-0x911fffff]
[0.669019] pci 0000:00:02.0: Video device with shadowed ROM at [mem 0x000c0000-0x000dffff]
[0.670844] PCI: CLS 64 bytes, default 64
[0.694743] PCI-DMA: Using software bounce buffering for IO (SWIOTLB)
[0.694753] software IO TLB: mapped [mem 0x0000000071f7d000-0x0000000075f7d000] (64MB)
[0.695004] RAPL PMU: API unit is 2⁻³² Joules, 4 fixed counters, 655360 ms ovfl timer
[0.695008] RAPL PMU: hw unit of domain pp0-core 2⁻¹⁴ Joules
[0.695010] RAPL PMU: hw unit of domain package 2⁻¹⁴ Joules
[0.695012] RAPL PMU: hw unit of domain dram 2⁻¹⁴ Joules
[0.695014] RAPL PMU: hw unit of domain pp1-gpu 2⁻¹⁴ Joules
[0.695108] clocksource: tsc: mask: 0xffffffffffffff max_cycles: 0x16f8873b2b5, max_idle_ns:
440795270785 ns
[0.695136] clocksource: Switched to clocksource tsc
[0.696010] check: Scanning for low memory corruption every 60 seconds

[0.696712] Initialise system trusted keyrings
[0.696850] workingset: timestamp_bits=46 max_order=20 bucket_order=0
[0.699799] NFS: Registering the id_resolver key type
[0.699815] Key type id_resolver registered
[0.699816] Key type id_legacy registered
[0.700177] Key type cifs.idmap registered
[0.700877] aufs 5.10-20210517
[0.715708] xor: measuring software checksum speed
[0.716999] prefetch64-sse : 7754 MB/sec
[0.718468] generic_sse : 6764 MB/sec
[0.718470] xor: using function: prefetch64-sse (7754 MB/sec)
[0.718476] Key type asymmetric registered
[0.718479] Asymmetric key parser 'x509' registered
[0.718503] Block layer SCSI generic (bsg) driver version 0.4 loaded (major 250)
[0.718506] io scheduler mq-deadline registered
[0.718508] io scheduler kyber registered
[0.719449] intel_idle: MWAIT substates: 0x11242020
[0.719453] intel_idle: v0.5.1 model 0x5C
[0.720157] intel_idle: Local APIC timer is reliable in all C-states
[0.720509] input: Power Button as /devices/LNXSYSTM:00/LNXXSYBUS:00/PNP0C0C:01/input/input0
[0.720563] ACPI: Power Button [PWR2]
[0.725073] thermal LNX_THERM:00: registered as thermal_zone0
[0.725080] ACPI: Thermal Zone [TZ01] (-9 C)
[0.725479] Serial: 8250/16550 driver, 32 ports, IRQ sharing disabled
[0.725618] 00:01: ttyS0 at I/O 0x3f8 (irq = 4, base_baud = 115200) is a 16550A
[0.735397] Linux agpgart interface v0.103
[0.740333] brd: module loaded
[0.744505] loop: module loaded
[0.744884] zram: Added device: zram0
[0.744887] Uniform Multi-Platform E-IDE driver
[0.744948] ide-gd driver 1.18
[0.744958] ide-cd driver 5.00
[0.744995] hv_vmbus: registering driver hv_storvsc
[0.746121] ahci 0000:00:12.0: version 3.0
[0.746574] ahci 0000:00:12.0: AHCI 0001.0301 32 slots 2 ports 6 Gbps 0x3 impl SATA mode
[0.746581] ahci 0000:00:12.0: flags: 64bit ncq snff pm clo only pmp pio slum part deso sadm sds apst
[0.747734] scsi host0: ahci
[0.748459] scsi host1: ahci
[0.748582] ata1: SATA max UDMA/133 abar m2048@0x91319000 port 0x91319100 irq 122
[0.748589] ata2: SATA max UDMA/133 abar m2048@0x91319000 port 0x91319180 irq 122
[0.748743] tun: Universal TUN/TAP device driver, 1.6
[0.748927] e100: Intel(R) PRO/100 Network Driver
[0.748931] e100: Copyright(c) 1999-2006 Intel Corporation
[0.748952] e1000: Intel(R) PRO/1000 Network Driver
[0.748954] e1000: Copyright (c) 1999-2006 Intel Corporation.
[0.748976] e1000e: Intel(R) PRO/1000 Network Driver
[0.748977] e1000e: Copyright(c) 1999 - 2015 Intel Corporation.
[0.749016] ehci_hcd: USB 2.0 'Enhanced' Host Controller (EHCI) Driver
[0.749018] ehci-pci: EHCI PCI platform driver

[0.749036] ehci-platform: EHCI generic platform driver
[0.749062] ohci_hcd: USB 1.1 'Open' Host Controller (OHCI) Driver
[0.749082] ohci-pci: OHCI PCI platform driver
[0.749099] uhci_hcd: USB Universal Host Controller Interface driver
[0.749484] xhci_hcd 0000:00:15.0: xHCI Host Controller
[0.749500] xhci_hcd 0000:00:15.0: new USB bus registered, assigned bus number 1
[0.750622] xhci_hcd 0000:00:15.0: hcc params 0x200077c1 hci version 0x100 quirks
0x0000000081109810
[0.750641] xhci_hcd 0000:00:15.0: cache line size of 64 is not supported
[0.751354] hub 1-0:1.0: USB hub found
[0.751379] hub 1-0:1.0: 8 ports detected
[0.752554] xhci_hcd 0000:00:15.0: xHCI Host Controller
[0.752561] xhci_hcd 0000:00:15.0: new USB bus registered, assigned bus number 2
[0.752568] xhci_hcd 0000:00:15.0: Host supports USB 3.0 SuperSpeed
[0.753176] hub 2-0:1.0: USB hub found
[0.753204] hub 2-0:1.0: 7 ports detected
[0.754376] usbcore: registered new interface driver usb-storage
[0.754417] usbcore: registered new interface driver usbserial_generic
[0.754427] usbserial: USB Serial support registered for generic
[0.754465] i8042: PNP: No PS/2 controller found.
[0.754467] i8042: Probing ports directly.
[0.755498] serio: i8042 KBD port at 0x60,0x64 irq 1
[0.755613] serio: i8042 AUX port at 0x60,0x64 irq 12
[0.755685] hv_vmbus: registering driver hyperv_keyboard
[0.756016] mousedev: PS/2 mouse device common for all mice
[0.756585] rtc_cmos 00:03: RTC can wake from S4
[0.757638] rtc_cmos 00:03: registered as rtc0
[0.757836] rtc_cmos 00:03: setting system clock to 2021-12-28T16:09:13 UTC (1640707753)
[0.757878] rtc_cmos 00:03: alarms up to one month, y3k, 242 bytes nvram, hpet irqs
[0.758239] i801_smbus 0000:00:1f.1: SPD Write Disable is set
[0.758295] i801_smbus 0000:00:1f.1: SMBus using PCI interrupt
[0.758358] i2c i2c-0: 2/2 memory slots populated (from DMI)
[0.759915] device-mapper: ioctl: 4.43.0-ioctl (2020-10-01) initialised: dm-devel@redhat.com
[0.760362] intel_pstate: Intel P-state driver initializing
[0.760788] sdhci: Secure Digital Host Controller Interface driver
[0.760792] sdhci: Copyright(c) Pierre Ossman
[0.760861] sdhci-pci 0000:00:1c.0: SDHCI controller found [8086:5acc] (rev b)
[0.762514] mmc0: SDHCI controller on PCI [0000:00:1c.0] using ADMA 64-bit
[0.762597] sdhci-pltfm: SDHCI platform and OF driver helper
[0.762683] hid: raw HID events driver (C) Jiri Kosina
[0.762844] usbcore: registered new interface driver usbhid
[0.762846] usbhid: USB HID core driver
[0.762898] u32 classifier
[0.762899] input device check on
[0.762901] Actions configured
[0.763099] IPVS: Registered protocols ()
[0.763116] IPVS: Connection hash table configured (size=4096, memory=64Kbytes)
[0.763193] IPVS: ipvs loaded.
[0.763500] NET: Registered protocol family 10

[0.764171] Segment Routing with IPv6
[0.764247] sit: IPv6, IPv4 and MPLS over IPv4 tunneling driver
[0.764478] NET: Registered protocol family 17
[0.764505] Bridge firewalling registered
[0.764543] Key type dns_resolver registered
[0.764853] NET: Registered protocol family 40
[0.766083] microcode: sig=0x506c9, pf=0x2, revision=0x32
[0.766238] microcode: Microcode Update Driver: v2.2.
[0.766247] IPI shorthand broadcast: enabled
[0.766265] sched_clock: Marking stable (761212734, 5009496)->(768007589, -1785359)
[0.766633] registered taskstats version 1
[0.766642] Loading compiled-in X.509 certificates
[0.766677] Key type ._fscrypt registered
[0.766679] Key type .fscrypt registered
[0.766681] Key type fscrypt-provisioning registered
[0.767190] Btrfs loaded, crc32c=crc32c-generic
[0.771902] Key type encrypted registered
[0.772583] printk: console [netcon0] enabled
[0.772585] netconsole: network logging started
[0.772675] ALSA device list:
[0.772678] No soundcards found.
[0.772709] Warning: unable to open an initial console.
[0.881178] mmc0: new HS400 MMC card at address 0001
[0.881817] mmcblk0: mmc0:0001 DG4032 29.1 GiB
[0.881974] mmcblk0boot0: mmc0:0001 DG4032 partition 1 4.00 MiB
[0.882130] mmcblk0boot1: mmc0:0001 DG4032 partition 2 4.00 MiB
[0.882439] mmcblk0rmpb: mmc0:0001 DG4032 partition 3 4.00 MiB, chardev (248:0)
[0.891388] mmcblk0: p1 p2 p3 p4 < p5 p6 >
[0.990402] usb 1-1: new full-speed USB device number 2 using xhci_hcd
[1.059913] ata2: SATA link down (SStatus 4 SControl 300)
[1.059960] ata1: SATA link down (SStatus 4 SControl 300)
[1.068557] Freeing unused kernel image (initmem) memory: 14476K
[1.068569] Write protecting the kernel read-only data: 22528k
[1.070144] Freeing unused kernel image (text/rodata gap) memory: 2032K
[1.070561] Freeing unused kernel image (rodata/data gap) memory: 504K
[1.070582] Run /init as init process
[1.070584] with arguments:
[1.070586] /init
[1.070588] splash
[1.070589] with environment:
[1.070591] HOME=/
[1.070593] TERM=linux
[1.070595] BOOT_IMAGE=/boot/bzImage
[1.252296] usb 1-2: new full-speed USB device number 3 using xhci_hcd
[1.345992] udevd[262]: Starting version 244.5+
[1.348181] udevd[263]: /lib/udev/rules.d/50-udev-default.rules:39 Unknown group 'render', ignoring
[1.348247] udevd[263]: /lib/udev/rules.d/50-udev-default.rules:40 Unknown group 'render', ignoring
[1.475603] random: fast init done

[1.475884] udevd[275]: ethtool: autonegotiation is unset or enabled, the speed and duplex are not writable.

[1.476259] udevd[279]: ethtool: autonegotiation is unset or enabled, the speed and duplex are not writable.

[1.491710] udevd[284]: vtcon0: Process '/lib/systemd/systemd-vconsole-setup' failed with exit code 1.

[1.495797] zram0: detected capacity change from 0 to 1979965440

[1.997089] EXT4-fs (mmcblk0p3): mounted filesystem with ordered data mode. Opts: (null)

[2.015116] EXT4-fs (mmcblk0p5): mounted filesystem with ordered data mode. Opts: (null)

[2.015135] ext4 filesystem being mounted at /rootfs/mnt/state supports timestamps until 2038 (0x7fffffff)

[2.159862] EXT4-fs (mmcblk0p3): re-mounted. Opts: (null)

[2.159874] ext4 filesystem being remounted at / supports timestamps until 2038 (0x7fffffff)

[2.165941] aufs au_opts_verify:1611:init[1]: dirperm1 breaks the protection by the permission bits on the lower branch

[2.198729] EXT4-fs (mmcblk0p6): recovery complete

[2.199609] EXT4-fs (mmcblk0p6): mounted filesystem with ordered data mode. Opts: (null)

[2.423585] systemd[1]: /lib/systemd/system/balena-host.socket:5: ListenStream= references a path below legacy directory /var/run/, updating /var/run/balena-host.sock \xe2\x86\x92 /run/balena-host.sock; please update the unit file accordingly.

[2.431094] systemd[1]: /lib/systemd/system/balena-engine.socket:6: ListenStream= references a path below legacy directory /var/run/, updating /var/run/balena-engine.sock \xe2\x86\x92 /run/balena-engine.sock; please update the unit file accordingly.

[3.150065] random: crng init done

[3.155666] igb: Intel(R) Gigabit Ethernet Network Driver

[3.155671] igb: Copyright (c) 2007-2014 Intel Corporation.

[3.157673] i915 0000:00:02.0: vgaarb: deactivate vga console

[3.163042] thermal thermal_zone1: failed to read out thermal zone (-22)

[3.165431] usbcore: registered new interface driver ftdi_sio

[3.165462] usbserial: USB Serial support registered for FTDI USB Serial Device

[3.165521] ftdi_sio 1-1:1.0: FTDI USB Serial Device converter detected

[3.165585] usb 1-1: Detected FT232BM

[3.167524] usb 1-1: FTDI USB Serial Device converter now attached to ttyUSB0

[3.167603] ftdi_sio 1-2:1.0: FTDI USB Serial Device converter detected

[3.167668] usb 1-2: Detected FT-X

[3.169735] usb 1-2: FTDI USB Serial Device converter now attached to ttyUSB1

[3.185033] pps pps0: new PPS source ptp0

[3.185111] igb 0000:01:00.0: added PHC on eth0

[3.185114] igb 0000:01:00.0: Intel(R) Gigabit Ethernet Network Connection

[3.185118] igb 0000:01:00.0: eth0: (PCIe:2.5Gb/s:Width x1) 00:01:29:91:1e:a2

[3.185160] igb 0000:01:00.0: eth0: PBA No: 000300-000

[3.185163] igb 0000:01:00.0: Using MSI-X interrupts. 4 rx queue(s), 4 tx queue(s)

[3.212060] i915 0000:00:02.0: vgaarb: changed VGA decodes:
olddecodes=io+mem,decodes=io+mem:owns=io+mem

[3.214475] i915 0000:00:02.0: Direct firmware load for i915/bxt_dmc_ver1_07.bin failed with error -2

[3.214488] i915 0000:00:02.0: [drm] Failed to load DMC firmware i915/bxt_dmc_ver1_07.bin. Disabling runtime power management.

[3.214490] i915 0000:00:02.0: [drm] DMC firmware homepage:
<https://git.kernel.org/pub/scm/linux/kernel/git/firmware/linux-firmware.git/tree/i915>

[3.214696] pps pps1: new PPS source ptp1

[3.214771] igb 0000:02:00.0: added PHC on eth1

[3.214774] igb 0000:02:00.0: Intel(R) Gigabit Ethernet Network Connection
[3.214778] igb 0000:02:00.0: eth1: (PCIe:2.5Gb/s:Width x1) 00:01:29:91:1e:a3
[3.214820] igb 0000:02:00.0: eth1: PBA No: 000300-000
[3.214823] igb 0000:02:00.0: Using MSI-X interrupts. 4 rx queue(s), 4 tx queue(s)
[3.236804] zram: Can't change algorithm for initialized device
[3.297662] igb 0000:02:00.0 enp2s0: renamed from eth1
[3.304319] igb 0000:01:00.0 enp1s0: renamed from eth0
[4.338867] i915 0000:00:02.0: [drm] failed to retrieve link info, disabling eDP
[4.344722] [drm] Initialized i915 1.6.0 20200917 for 0000:00:02.0 on minor 0
[4.348285] ACPI: Video Device [GFX0] (multi-head: yes rom: no post: no)
[4.350080] acpi device:4c: registered as cooling_device5
[4.350287] input: Video Bus as
/devices/LNXSYSTEM:00/LNXXSYBUS:00/PNP0A08:00/LNXVIDEO:00/input/input4
[4.350952] snd_hda_intel 0000:00:0e.0: bound 0000:00:02.0 (ops i915_audio_component_bind_ops [i915])
[4.355348] i915 0000:00:02.0: [drm] Cannot find any crtc or sizes
[4.361156] i915 0000:00:02.0: [drm] Cannot find any crtc or sizes
[4.363932] i915 0000:00:02.0: [drm] Cannot find any crtc or sizes
[4.395121] input: HDA Intel PCH HDMI/DP,pcm=3 as
/devices/pci0000:00/0000:00:0e.0/sound/card0/input5
[4.395306] input: HDA Intel PCH HDMI/DP,pcm=7 as
/devices/pci0000:00/0000:00:0e.0/sound/card0/input6
[4.395401] input: HDA Intel PCH HDMI/DP,pcm=8 as
/devices/pci0000:00/0000:00:0e.0/sound/card0/input7
[4.395489] input: HDA Intel PCH HDMI/DP,pcm=9 as
/devices/pci0000:00/0000:00:0e.0/sound/card0/input8
[4.395577] input: HDA Intel PCH HDMI/DP,pcm=10 as
/devices/pci0000:00/0000:00:0e.0/sound/card0/input9
[4.442271] Adding 1933556k swap on /dev/zram0. Priority:-2 extents:1 across:1933556k SS
[5.287945] mmc0: mmc_hs400_to_hs200 failed, error -110
[7.321564] Initializing XFRM netlink socket
[7.357027] mmc0: mmc_hs400_to_hs200 failed, error -110
[7.808931] mmc0: mmc_hs400_to_hs200 failed, error -110
[7.821263] mmc0: mmc_hs400_to_hs200 failed, error -110
[7.841267] mmc0: mmc_hs400_to_hs200 failed, error -110
[8.549494] mmc0: mmc_hs400_to_hs200 failed, error -110
[8.809177] mmc0: mmc_hs400_to_hs200 failed, error -110
[9.025871] igb 0000:02:00.0 enp2s0: igb: enp2s0 NIC Link is Up 1000 Mbps Full Duplex, Flow Control: RX/TX
[9.026158] IPv6: ADDRCONF(NETDEV_CHANGE): enp2s0: link becomes ready
[9.282014] mmc0: mmc_hs400_to_hs200 failed, error -110
[9.485618] mmc0: mmc_hs400_to_hs200 failed, error -110
[9.494206] mmc0: mmc_hs400_to_hs200 failed, error -110
[9.966239] mmc0: mmc_hs400_to_hs200 failed, error -110
[10.229032] mmc0: mmc_hs400_to_hs200 failed, error -110
[10.349753] mmc0: mmc_hs400_to_hs200 failed, error -110
[10.353620] mmc0: mmc_hs400_to_hs200 failed, error -110
[11.032880] mmc0: mmc_hs400_to_hs200 failed, error -110
[11.043589] mmc0: cache flush error -110

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[ 11.043607] blk_update_request: I/O error, dev mmcblk0, sector 0 op 0x1:(WRITE) flags 0x800
phys_seg 0 prio class 0
[ 11.276298] mmc0: cache flush error -110
[ 11.276315] blk_update_request: I/O error, dev mmcblk0, sector 0 op 0x1:(WRITE) flags 0x800
phys_seg 0 prio class 0
[ 15.917995] mmc0: mmc_hs400_to_hs200 failed, error -110
[ 22.097475] igb 0000:02:00.0 enp2s0: igb: enp2s0 NIC Link is Down
[ 24.341838] igb 0000:02:00.0 enp2s0: igb: enp2s0 NIC Link is Up 10 Mbps Half Duplex, Flow Control:
None
[ 24.341845] igb 0000:02:00.0: EEE Disabled: unsupported at half duplex. Re-enable using ethtool when
at full duplex.
[ 81.636088] igb 0000:02:00.0 enp2s0: igb: enp2s0 NIC Link is Up 10 Mbps Half Duplex, Flow Control:
None
[ 85.105075] mmc0: mmc_hs400_to_hs200 failed, error -110
[ 89.822839] mmc0: cache flush error -110
[ 89.822858] blk_update_request: I/O error, dev mmcblk0, sector 1393112 op 0x1:(WRITE) flags
0x20800 phys_seg 1 prio class 0
[ 89.822896] Aborting journal on device mmcblk0p5-8.
[ 89.823338] mmc0: mmc_hs400_to_hs200 failed, error -110
[ 89.836299] EXT4-fs error (device mmcblk0p5): ext4_journal_check_start:83: Detected aborted journal
[ 89.836310] EXT4-fs (mmcblk0p5): Remounting filesystem read-only
[ 99.146789] mmc0: mmc_hs400_to_hs200 failed, error -110
[ 100.798361] mmc0: mmc_hs400_to_hs200 failed, error -110
[ 100.925946] mmc0: mmc_hs400_to_hs200 failed, error -110
[ 100.931198] mmc0: mmc_hs400_to_hs200 failed, error -110
[ 185.830683] mmc0: cache flush error -110
[ 185.830697] blk_update_request: I/O error, dev mmcblk0, sector 0 op 0x1:(WRITE) flags 0x800
phys_seg 0 prio class 0
[ 185.843182] mmc0: mmc_hs400_to_hs200 failed, error -110
[ 185.853093] mmc0: mmc_hs400_to_hs200 failed, error -110
[ 185.883999] mmc0: cache flush error -110
[ 185.884020] blk_update_request: I/O error, dev mmcblk0, sector 1443400 op 0x1:(WRITE) flags
0x20800 phys_seg 1 prio class 0
[ 185.884063] Aborting journal on device mmcblk0p6-8.
[ 185.891691] EXT4-fs error (device mmcblk0p6): ext4_journal_check_start:83: Detected aborted journal
[ 185.891703] EXT4-fs (mmcblk0p6): Remounting filesystem read-only
[ 185.892214] EXT4-fs error (device mmcblk0p6): ext4_journal_check_start:83: Detected aborted journal
[ 185.892787] EXT4-fs error (device mmcblk0p6): ext4_journal_check_start:83: Detected aborted journal
[ 185.893361] EXT4-fs error (device mmcblk0p6): ext4_journal_check_start:83: Detected aborted journal
[ 185.894046] EXT4-fs error (device mmcblk0p6): ext4_journal_check_start:83: Detected aborted journal
[ 185.903483] EXT4-fs error (device mmcblk0p6): ext4_journal_check_start:83: Detected aborted journal
[ 185.903488] EXT4-fs error (device mmcblk0p6): ext4_journal_check_start:83: Detected aborted journal
[ 190.950756] mmc0: mmc_hs400_to_hs200 failed, error -110
[ 574.519751] mmc0: mmc_hs400_to_hs200 failed, error -110
root@8447c70:~#
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