

LibreELEC:~ # dmesg

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[ 0.000000] Booting Linux on physical CPU 0x000000000 [0x410fd034]
[ 0.000000] Linux version 5.10.76 (jenkins@tsuboi) (aarch64-none-linux-gnu-gcc.real (GNU
Toolchain for the A-profile Architecture 10.2-2020.11 (arm-10.16)) 10.2.1 20201103, GNU ld
(GNU Toolchain for the A-profile Architecture 10.2-2020.11 (arm-10.16)) 2.35.1.20201028) #1
SMP Sat Oct 30 07:26:18 CEST 2021
[ 0.000000] Machine model: Beelink A1
[ 0.000000] earlycon: uart8250 at MMIO32 0x00000000ff130000 (options ")
[ 0.000000] printk: bootconsole [uart8250] enabled
[ 0.000000] Zone ranges:
[ 0.000000] DMA [mem 0x000000000200000-0x00000000feffffff]
[ 0.000000] DMA32 empty
[ 0.000000] Normal empty
[ 0.000000] Movable zone start for each node
[ 0.000000] Early memory node ranges
[ 0.000000] node 0: [mem 0x000000000200000-0x00000000feffffff]
[ 0.000000] Initmem setup node 0 [mem 0x000000000200000-0x00000000feffffff]
[ 0.000000] On node 0 totalpages: 1043968
[ 0.000000] DMA zone: 16312 pages used for memmap
[ 0.000000] DMA zone: 0 pages reserved
[ 0.000000] DMA zone: 1043968 pages, LIFO batch:63
[ 0.000000] cma: Reserved 64 MiB at 0x00000000f4000000
[ 0.000000] psci: probing for conduit method from DT.
[ 0.000000] psci: PSCIv1.0 detected in firmware.
[ 0.000000] psci: Using standard PSCI v0.2 function IDs
[ 0.000000] psci: MIGRATE_INFO_TYPE not supported.
[ 0.000000] psci: SMC Calling Convention v1.0
[ 0.000000] percpu: Embedded 22 pages/cpu s50008 r8192 d31912 u90112
[ 0.000000] pcpu-alloc: s50008 r8192 d31912 u90112 alloc=22*4096
[ 0.000000] pcpu-alloc: [0] 0 [0] 1 [0] 2 [0] 3
[ 0.000000] Detected VIPT I-cache on CPU0
[ 0.000000] CPU features: detected: ARM erratum 845719
[ 0.000000] Built 1 zonelists, mobility grouping on. Total pages: 1027656
[ 0.000000] Kernel command line: boot=UUID=2410-5328 disk=UUID=aa32109e-30de-49d5-
83ca-a3f44610a115 quiet console=uart8250,mmio32,0xff130000 console=tty0
[ 0.000000] Dentry cache hash table entries: 524288 (order: 10, 4194304 bytes, linear)
[ 0.000000] Inode-cache hash table entries: 262144 (order: 9, 2097152 bytes, linear)
[ 0.000000] mem auto-init: stack:off, heap alloc:off, heap free:off
[ 0.000000] Memory: 4006088K/4175872K available (12222K kernel code, 1358K rwdata,
4696K rodata, 4736K init, 660K bss, 104248K reserved, 65536K cma-reserved)
[ 0.000000] SLUB: HWalign=64, Order=0-3, MinObjects=0, CPUs=4, Nodes=1
[ 0.000000] rcu: Hierarchical RCU implementation.
[ 0.000000] Tracing variant of Tasks RCU enabled.
[ 0.000000] rcu: RCU calculated value of scheduler-enlistment delay is 30 jiffies.
[ 0.000000] NR_IRQS: 64, nr_irqs: 64, preallocated irq: 0
[ 0.000000] GIC: Using split EOI/Deactivate mode
[ 0.000000] random: get_random_bytes called from start_kernel+0x318/0x4d0 with crng_init=0
[ 0.000000] arch_timer: cp15 timer(s) running at 24.00MHz (phys).
[ 0.000000] clocksource: arch_sys_counter: mask: 0xffffffffffffff max_cycles: 0x588fe9dc0,
max_idle_ns: 440795202592 ns
[ 0.000008] sched_clock: 56 bits at 24MHz, resolution 41ns, wraps every 4398046511097ns
[ 0.000816] Console: colour dummy device 80x25
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[ 0.000831] printk: console [tty0] enabled
[ 0.000839] printk: bootconsole [uart8250] disabled
[ 0.000899] Calibrating delay loop (skipped), value calculated using timer frequency.. 48.00
BogoMIPS (lpj=80000)
[ 0.000918] pid_max: default: 32768 minimum: 301
[ 0.001101] LSM: Security Framework initializing
[ 0.001221] Mount-cache hash table entries: 8192 (order: 4, 65536 bytes, linear)
[ 0.001262] Mountpoint-cache hash table entries: 8192 (order: 4, 65536 bytes, linear)
[ 0.003658] rcu: Hierarchical SRCU implementation.
[ 0.005318] smp: Bringing up secondary CPUs ...
[ 0.005999] Detected VIPT I-cache on CPU1
[ 0.006101] CPU1: Booted secondary processor 0x0000000001 [0x410fd034]
[ 0.007027] Detected VIPT I-cache on CPU2
[ 0.007113] CPU2: Booted secondary processor 0x0000000002 [0x410fd034]
[ 0.007887] Detected VIPT I-cache on CPU3
[ 0.007965] CPU3: Booted secondary processor 0x0000000003 [0x410fd034]
[ 0.008098] smp: Brought up 1 node, 4 CPUs
[ 0.008114] SMP: Total of 4 processors activated.
[ 0.008125] CPU features: detected: 32-bit EL0 Support
[ 0.008134] CPU features: detected: CRC32 instructions
[ 0.026375] CPU: All CPU(s) started at EL2
[ 0.026520] alternatives: patching kernel code
[ 0.029925] devtmpfs: initialized
[ 0.043682] clocksource: jiffies: mask: 0xffffffff max_cycles: 0xffffffff, max_idle_ns:
6370867519511994 ns
[ 0.043714] futex hash table entries: 1024 (order: 4, 65536 bytes, linear)
[ 0.046985] pinctrl core: initialized pinctrl subsystem
[ 0.048734] NET: Registered protocol family 16
[ 0.051390] DMA: preallocated 512 KiB GFP_KERNEL pool for atomic allocations
[ 0.051698] DMA: preallocated 512 KiB GFP_KERNEL|GFP_DMA pool for atomic allocations
[ 0.052141] DMA: preallocated 512 KiB GFP_KERNEL|GFP_DMA32 pool for atomic
allocations
[ 0.053348] thermal_sys: Registered thermal governor 'step_wise'
[ 0.053773] cpuidle: using governor menu
[ 0.053947] hw-breakpoint: found 6 breakpoint and 4 watchpoint registers.
[ 0.054095] ASID allocator initialised with 65536 entries
[ 0.098944] HugeTLB registered 1.00 GiB page size, pre-allocated 0 pages
[ 0.098964] HugeTLB registered 32.0 MiB page size, pre-allocated 0 pages
[ 0.098973] HugeTLB registered 2.00 MiB page size, pre-allocated 0 pages
[ 0.098982] HugeTLB registered 64.0 KiB page size, pre-allocated 0 pages
[ 0.101472] cryptd: max_cpu_qlen set to 1000
[ 0.106449] iommu: Default domain type: Translated
[ 0.108911] SCSI subsystem initialized
[ 0.109254] usbcore: registered new interface driver usbfs
[ 0.109313] usbcore: registered new interface driver hub
[ 0.109371] usbcore: registered new device driver usb
[ 0.109812] mc: Linux media interface: v0.10
[ 0.109856] videodev: Linux video capture interface: v2.00
[ 0.110120] pps_core: LinuxPPS API ver. 1 registered
[ 0.110127] pps_core: Software ver. 5.3.6 - Copyright 2005-2007 Rodolfo Giometti
<giometti@linux.it>
[ 0.110159] PTP clock support registered
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[ 0.110214] EDAC MC: Ver: 3.0.0  
[ 0.111694] Advanced Linux Sound Architecture Driver Initialized.  
[ 0.113173] clocksource: Switched to clocksource arch\_sys\_counter  
[ 0.113510] VFS: Disk quotas dquot\_6.6.0  
[ 0.113596] VFS: Dquot-cache hash table entries: 512 (order 0, 4096 bytes)  
[ 0.113719] FS-Cache: Loaded  
[ 0.123672] NET: Registered protocol family 2  
[ 0.124052] IP idents hash table entries: 65536 (order: 7, 524288 bytes, linear)  
[ 0.127594] tcp\_listen\_portaddr\_hash hash table entries: 2048 (order: 3, 32768 bytes, linear)  
[ 0.127753] TCP established hash table entries: 32768 (order: 6, 262144 bytes, linear)  
[ 0.128164] TCP bind hash table entries: 32768 (order: 7, 524288 bytes, linear)  
[ 0.128918] TCP: Hash tables configured (established 32768 bind 32768)  
[ 0.129187] UDP hash table entries: 2048 (order: 4, 65536 bytes, linear)  
[ 0.129344] UDP-Lite hash table entries: 2048 (order: 4, 65536 bytes, linear)  
[ 0.129723] NET: Registered protocol family 1  
[ 0.130507] RPC: Registered named UNIX socket transport module.  
[ 0.130521] RPC: Registered udp transport module.  
[ 0.130526] RPC: Registered tcp transport module.  
[ 0.130532] RPC: Registered tcp NFSv4.1 backchannel transport module.  
[ 0.180601] hw perfevents: enabled with armv8\_cortex\_a53 PMU driver, 7 counters available  
[ 0.189209] Initialise system trusted keyrings  
[ 0.189554] workingset: timestamp\_bits=46 max\_order=20 bucket\_order=0  
[ 0.199959] squashfs: version 4.0 (2009/01/31) Phillip Lougher  
[ 0.200739] FS-Cache: Netfs 'nfs' registered for caching  
[ 0.201618] NFS: Registering the id\_resolver key type  
[ 0.201658] Key type id\_resolver registered  
[ 0.201664] Key type id\_legacy registered  
[ 0.201807] nfs4filelayout\_init: NFSv4 File Layout Driver Registering...  
[ 0.201816] nfs4flexfilelayout\_init: NFSv4 Flexfile Layout Driver Registering...  
[ 0.202408] FS-Cache: Netfs 'cifs' registered for caching  
[ 0.202835] Key type cifs.idmap registered  
[ 0.203298] 9p: Installing v9fs 9p2000 file system support  
[ 0.278499] NET: Registered protocol family 38  
[ 0.278528] Key type asymmetric registered  
[ 0.278536] Asymmetric key parser 'x509' registered  
[ 0.278624] Block layer SCSI generic (bsg) driver version 0.4 loaded (major 243)  
[ 0.278634] io scheduler mq-deadline registered  
[ 0.278641] io scheduler kyber registered  
[ 0.283811] gpio-syscon ff100000.syscon:grf-gpio: can't read the data register offset!  
[ 0.287317] dma-pl330 ff1f0000.dmac: Loaded driver for PL330 DMAC-241330  
[ 0.287339] dma-pl330 ff1f0000.dmac: DBUFF-128x8bytes Num\_Chans-8 Num\_Per-20  
Num\_Events-16  
[ 0.288740] Serial: 8250/16550 driver, 5 ports, IRQ sharing enabled  
[ 0.291541] ff130000.serial: ttyS2 at MMIO 0xff130000 (irq = 23, base\_baud = 1500000) is a  
16550A  
[ 0.292434] printk: console [ttyS2] enabled  
[ 0.294970] rockchip-vop ff370000.vop: Adding to iommu group 2  
[ 0.299291] rockchip-drm display-subsystem: bound ff370000.vop (ops vop\_component\_ops)  
[ 0.313963] loop: module loaded  
[ 0.315644] libphy: Fixed MDIO Bus: probed  
[ 0.317699] rk\_gmac-dwmac ff540000.ethernet: IRQ eth\_wake\_irq not found  
[ 0.317718] rk\_gmac-dwmac ff540000.ethernet: IRQ eth\_lpi not found

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[ 0.317875] rk_gmac-dwmac ff540000.ethernet: PTP uses main clock
[ 0.317915] rk_gmac-dwmac ff540000.ethernet: phy regulator is not available yet, deferred
probing
[ 0.318927] rk_gmac-dwmac ff550000.ethernet: IRQ eth_wake_irq not found
[ 0.318937] rk_gmac-dwmac ff550000.ethernet: IRQ eth_lpi not found
[ 0.319035] rk_gmac-dwmac ff550000.ethernet: PTP uses main clock
[ 0.319070] rk_gmac-dwmac ff550000.ethernet: no regulator found
[ 0.319608] rk_gmac-dwmac ff550000.ethernet: clock input or output? (output).
[ 0.319619] rk_gmac-dwmac ff550000.ethernet: Can not read property: tx_delay.
[ 0.320331] rk_gmac-dwmac ff550000.ethernet: set tx_delay to 0x30
[ 0.320882] rk_gmac-dwmac ff550000.ethernet: Can not read property: rx_delay.
[ 0.321521] rk_gmac-dwmac ff550000.ethernet: set rx_delay to 0x10
[ 0.322080] rk_gmac-dwmac ff550000.ethernet: integrated PHY? (yes).
[ 0.322150] rk_gmac-dwmac ff550000.ethernet: cannot get clock clk_mac_refout
[ 0.322785] rk_gmac-dwmac ff550000.ethernet: cannot get clock clk_mac_speed
[ 0.328473] rk_gmac-dwmac ff550000.ethernet: init for RMII
[ 0.363510] rk_gmac-dwmac ff550000.ethernet: User ID: 0x10, Synopsys ID: 0x35
[ 0.363530] rk_gmac-dwmac ff550000.ethernet: DWMAC1000
[ 0.363541] rk_gmac-dwmac ff550000.ethernet: DMA HW capability register supported
[ 0.363549] rk_gmac-dwmac ff550000.ethernet: RX Checksum Offload Engine supported
[ 0.363558] rk_gmac-dwmac ff550000.ethernet: COE Type 2
[ 0.363566] rk_gmac-dwmac ff550000.ethernet: TX Checksum insertion supported
[ 0.363573] rk_gmac-dwmac ff550000.ethernet: Wake-Up On Lan supported
[ 0.363702] rk_gmac-dwmac ff550000.ethernet: Normal descriptors
[ 0.363711] rk_gmac-dwmac ff550000.ethernet: Ring mode enabled
[ 0.363719] rk_gmac-dwmac ff550000.ethernet: Enable RX Mitigation via HW Watchdog Timer
[ 0.365418] libphy: stmmac: probed
[ 0.370603] VFIO - User Level meta-driver version: 0.3
[ 0.371769] dwc2 ff580000.usb: supply vusb_d not found, using dummy regulator
[ 0.371956] dwc2 ff580000.usb: supply vusb_a not found, using dummy regulator
[ 0.384726] dwc2 ff580000.usb: DWC OTG Controller
[ 0.384798] dwc2 ff580000.usb: new USB bus registered, assigned bus number 1
[ 0.384857] dwc2 ff580000.usb: irq 47, io mem 0xff580000
[ 0.385114] usb usb1: New USB device found, idVendor=1d6b, idProduct=0002, bcdDevice=
5.10
[ 0.385125] usb usb1: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[ 0.385134] usb usb1: Product: DWC OTG Controller
[ 0.385143] usb usb1: Manufacturer: Linux 5.10.76 dwc2_hsothg
[ 0.385152] usb usb1: SerialNumber: ff580000.usb
[ 0.385915] hub 1-0:1.0: USB hub found
[ 0.385960] hub 1-0:1.0: 1 port detected
[ 0.387480] ehci_hcd: USB 2.0 'Enhanced' Host Controller (EHCI) Driver
[ 0.387526] ehci-platform: EHCI generic platform driver
[ 0.390649] ehci-platform ff5c0000.usb: EHCI Host Controller
[ 0.390698] ehci-platform ff5c0000.usb: new USB bus registered, assigned bus number 2
[ 0.390896] ehci-platform ff5c0000.usb: irq 48, io mem 0xff5c0000
[ 0.403192] ehci-platform ff5c0000.usb: USB 2.0 started, EHCI 1.00
[ 0.403492] usb usb2: New USB device found, idVendor=1d6b, idProduct=0002, bcdDevice=
5.10
[ 0.403504] usb usb2: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[ 0.403513] usb usb2: Product: EHCI Host Controller
[ 0.403521] usb usb2: Manufacturer: Linux 5.10.76 ehci_hcd
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[ 0.403530] usb usb2: SerialNumber: ff5c0000.usb  
[ 0.404277] hub 2-0:1.0: USB hub found  
[ 0.404323] hub 2-0:1.0: 1 port detected  
[ 0.405161] ohci\_hcd: USB 1.1 'Open' Host Controller (OHCI) Driver  
[ 0.405204] ohci-platform: OHCI generic platform driver  
[ 0.405941] usbcore: registered new interface driver cdc\_acm  
[ 0.405949] cdc\_acm: USB Abstract Control Model driver for USB modems and ISDN adapters  
[ 0.406312] usbcore: registered new interface driver uas  
[ 0.406416] usbcore: registered new interface driver usb-storage  
[ 0.408141] i2c /dev entries driver  
[ 0.412011] rk808 1-0018: chip id: 0x8050  
[ 0.414820] rk808-regulator rk808-regulator: there is no dvs0 gpio  
[ 0.414863] rk808-regulator rk808-regulator: there is no dvs1 gpio  
[ 0.415278] vdd\_logic: supplied by vcc\_sys  
[ 0.415715] vcc\_host\_5v: supplied by vcc\_sys  
[ 0.416125] vdd\_arm: supplied by vcc\_sys  
[ 0.416441] vcc\_ddr: supplied by vcc\_sys  
[ 0.416985] vcc\_io: supplied by vcc\_sys  
[ 0.417578] vdd\_18: supplied by vcc\_io  
[ 0.418979] vcc\_18emmc: supplied by vcc\_io  
[ 0.420235] vdd\_11: Bringing 1000000uV into 1100000-1100000uV  
[ 0.420662] vdd\_11: supplied by vcc\_io  
[ 0.424844] rk808-rtc rk808-rtc: registered as rtc0  
[ 0.425155] rk808-rtc rk808-rtc: setting system clock to 2016-01-21T08:50:04 UTC  
(1453366204)  
[ 0.425949] input: rk805 pwrkey as  
/devices/platform/ff160000.i2c/i2c-1/1-0018/rk805-pwrkey/input/input0  
[ 0.430492] dw\_wdt ff1a0000.watchdog: No valid TOPs array specified  
[ 0.434428] sdhci: Secure Digital Host Controller Interface driver  
[ 0.434440] sdhci: Copyright(c) Pierre Ossman  
[ 0.434461] Synopsys Designware Multimedia Card Interface Driver  
[ 0.434695] sdhci-pltfm: SDHCI platform and OF driver helper  
[ 0.435322] dwmmc\_rockchip ff500000.mmc: IDMAC supports 32-bit address mode.  
[ 0.435325] dwmmc\_rockchip ff520000.mmc: IDMAC supports 32-bit address mode.  
[ 0.435355] dwmmc\_rockchip ff500000.mmc: Using internal DMA controller.  
[ 0.435357] dwmmc\_rockchip ff520000.mmc: Using internal DMA controller.  
[ 0.435369] dwmmc\_rockchip ff520000.mmc: Version ID is 270a  
[ 0.435372] dwmmc\_rockchip ff500000.mmc: Version ID is 270a  
[ 0.435428] dwmmc\_rockchip ff520000.mmc: DW MMC controller at irq 44,32 bit host data  
width,256 deep fifo  
[ 0.435443] dwmmc\_rockchip ff500000.mmc: DW MMC controller at irq 43,32 bit host data  
width,256 deep fifo  
[ 0.435894] ledtrig-cpu: registered to indicate activity on CPUs  
[ 0.436070] mmc\_host mmc2: card is non-removable.  
[ 0.436328] hid: raw HID events driver (C) Jiri Kosina  
[ 0.437404] usbcore: registered new interface driver usbhid  
[ 0.437412] usbhid: USB HID core driver  
[ 0.439050] rk3328-codec ff410000.codec: spk\_depop\_time use default value.  
[ 0.442765] NET: Registered protocol family 10  
[ 0.443955] Segment Routing with IPv6  
[ 0.444027] NET: Registered protocol family 17  
[ 0.444343] 9pnet: Installing 9P2000 support

[ 0.444410] Key type dns\_resolver registered  
[ 0.444866] registered taskstats version 1  
[ 0.444882] Loading compiled-in X.509 certificates  
[ 0.449128] mmc\_host mmc0: Bus speed (slot 0) = 400000Hz (slot req 400000Hz, actual 400000HZ div = 0)  
[ 0.449134] mmc\_host mmc2: Bus speed (slot 0) = 400000Hz (slot req 400000Hz, actual 400000HZ div = 0)  
[ 0.462514] random: fast init done  
[ 0.465252] rockchip-drm display-subsystem: bound ff370000.vop (ops vop\_component\_ops)  
[ 0.465608] dwhdmi-rockchip ff3c0000.hdmi: Detected HDMI TX controller v2.11a with HDCP (inno\_dw\_hdmi\_phy2)  
[ 0.466303] dwhdmi-rockchip ff3c0000.hdmi: registered DesignWare HDMI I2C bus driver  
[ 0.467882] rockchip-drm display-subsystem: bound ff3c0000.hdmi (ops dw\_hdmi\_rockchip\_ops)  
[ 0.499657] mmc\_host mmc0: Bus speed (slot 0) = 50000000Hz (slot req 50000000Hz, actual 50000000HZ div = 0)  
[ 0.499873] mmc0: new high speed SDXC card at address 0001  
[ 0.501518] mmcblk0: mmc0:0001 BC2QT 59.6 GiB  
[ 0.505022] mmcblk0: p1 p2  
[ 0.524911] mmc\_host mmc2: Bus speed (slot 0) = 150000000Hz (slot req 150000000Hz, actual 150000000HZ div = 0)  
[ 0.534029] dwmmc\_rockchip ff520000.mmc: Successfully tuned phase to 156  
[ 0.534127] mmc2: new HS200 MMC card at address 0001  
[ 0.535576] mmcblk2: mmc2:0001 BWBC3R 29.1 GiB  
[ 0.536116] mmcblk2boot0: mmc2:0001 BWBC3R partition 1 4.00 MiB  
[ 0.536726] mmcblk2boot1: mmc2:0001 BWBC3R partition 2 4.00 MiB  
[ 0.537171] mmcblk2rpbm: mmc2:0001 BWBC3R partition 3 4.00 MiB, chardev (241:0)  
[ 0.616823] Console: switching to colour frame buffer device 160x45  
[ 0.666136] rockchip-drm display-subsystem: [drm] fb0: rockchipdrmfb frame buffer device  
[ 0.667319] [drm] Initialized rockchip 1.0.0 20140818 for display-subsystem on minor 0  
[ 0.668241] lima ff300000.gpu: gp - mali450 version major 0 minor 0  
[ 0.668284] lima ff300000.gpu: pp0 - mali450 version major 0 minor 0  
[ 0.668317] lima ff300000.gpu: pp1 - mali450 version major 0 minor 0  
[ 0.668353] lima ff300000.gpu: l2 cache 8K, 4-way, 64byte cache line, 128bit external bus  
[ 0.668361] lima ff300000.gpu: l2 cache 64K, 4-way, 64byte cache line, 128bit external bus  
[ 0.669218] lima ff300000.gpu: bus rate = 163840000  
[ 0.669230] lima ff300000.gpu: mod rate = 163840000  
[ 0.670333] [drm] Initialized lima 1.1.0 20191231 for ff300000.gpu on minor 1  
[ 0.671177] rk\_gmac-dwmac ff540000.ethernet: IRQ eth\_wake\_irq not found  
[ 0.671190] rk\_gmac-dwmac ff540000.ethernet: IRQ eth\_lpi not found  
[ 0.671306] rk\_gmac-dwmac ff540000.ethernet: PTP uses main clock  
[ 0.671495] rk\_gmac-dwmac ff540000.ethernet: clock input or output? (input).  
[ 0.671502] rk\_gmac-dwmac ff540000.ethernet: TX delay(0x26).  
[ 0.671508] rk\_gmac-dwmac ff540000.ethernet: RX delay(0x11).  
[ 0.671519] rk\_gmac-dwmac ff540000.ethernet: integrated PHY? (no).  
[ 0.671560] rk\_gmac-dwmac ff540000.ethernet: cannot get clock clk\_mac\_speed  
[ 0.672336] rk\_gmac-dwmac ff540000.ethernet: clock input from PHY  
[ 0.677351] rk\_gmac-dwmac ff540000.ethernet: init for RGMII  
[ 0.677826] rk\_gmac-dwmac ff540000.ethernet: User ID: 0x10, Synopsys ID: 0x35  
[ 0.677873] rk\_gmac-dwmac ff540000.ethernet: DWMAC1000  
[ 0.677881] rk\_gmac-dwmac ff540000.ethernet: DMA HW capability register supported  
[ 0.677887] rk\_gmac-dwmac ff540000.ethernet: RX Checksum Offload Engine supported  
[ 0.677891] rk\_gmac-dwmac ff540000.ethernet: COE Type 2

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[ 0.677895] rk_gmac-dwmac ff540000.ethernet: TX Checksum insertion supported
[ 0.677899] rk_gmac-dwmac ff540000.ethernet: Wake-Up On Lan supported
[ 0.678011] rk_gmac-dwmac ff540000.ethernet: Normal descriptors
[ 0.678018] rk_gmac-dwmac ff540000.ethernet: Ring mode enabled
[ 0.678022] rk_gmac-dwmac ff540000.ethernet: Enable RX Mitigation via HW Watchdog Timer
[ 0.678509] libphy: stmmac: probed
[ 0.769006] debugfs: Directory 'power-domain' with parent 'pm_genpd' already present!
[ 0.769924] debugfs: Directory 'power-domain' with parent 'pm_genpd' already present!
[ 0.770763] debugfs: Directory 'power-domain' with parent 'pm_genpd' already present!
[ 0.772681] ALSA device list:
[ 0.772699] #0: Analog A/V
[ 0.772703] #1: HDMI
[ 0.772708] #2: SPDIF
[ 0.776129] Freeing unused kernel memory: 4736K
[ 0.776228] Run /init as init process
[ 0.776235] with arguments:
[ 0.776239] /init
[ 0.776242] with environment:
[ 0.776245] HOME=/
[ 0.776247] TERM=linux
[ 0.776251] boot=UUID=2410-5328
[ 0.776254] disk=UUID=aa32109e-30de-49d5-83ca-a3f44610a115
[ 0.782382] rockchip-pm-domain ff100000.syscon:power-controller: failed to get ack on domain
'power-domain', val=0x88220
[ 0.876649] Checking disk(s): UUID=2410-5328 UUID=aa32109e-30de-49d5-83ca-
a3f44610a115
[ 1.293922] fsck: CP437: Invalid argument
[ 1.294062] fsck: fsck.fat 4.1 (2017-01-24)
[ 1.294232] fsck: /dev/mmcblk0p1: 12 files, 16900/65501 clusters
[ 1.294449] fsck: STORAGE: clean, 26049/15495168 files, 7825513/61980672 blocks
[ 1.841730] EXT4-fs (mmcblk0p2): mounted filesystem with ordered data mode. Opts: (null)
[ 1.841796] ext4 filesystem being mounted at /storage supports timestamps until 2038 (0x7fffffff)
[ 2.410843] kernel-overlays-setup: setup base modules
[ 2.478336] kernel-overlays-setup: added modules from
/usr/lib/kernel-overlays/base/lib/modules/5.10.76
[ 2.527923] kernel-overlays-setup: added firmware from
/usr/lib/kernel-overlays/base/lib/firmware
[ 2.530354] kernel-overlays-setup: adding overlays from /storage/.cache/kernel-overlays
[ 2.533147] kernel-overlays-setup: done
[ 3.062025] systemd[1]: System time before build time, advancing clock.
[ 3.284056] systemd[1]: systemd 247.3 running in system mode. (-PAM -AUDIT -SELINUX -
IMA -APPARMOR -SMACK +SYSVINIT +UTMP -LIBCRYPTSETUP -GCRYPT -GNUTLS -
ACL -XZ -LZ4 -ZSTD -SECCOMP +BLKID -ELFUTILS +KMOD +IDN2 -IDN -PCRE2 default-
hierarchy=hybrid)
[ 3.284706] systemd[1]: Detected architecture arm64.
[ 3.312444] systemd[1]: Set hostname to <LibreELEC>.
[ 3.652469] systemd[1]: Queued start job for default target Kodi Mediacenter Interface.
[ 3.654218] random: systemd: uninitialized urandom read (16 bytes read)
[ 3.694428] systemd[1]: Created slice system-modprobe.slice.
[ 3.694795] random: systemd: uninitialized urandom read (16 bytes read)
[ 3.696437] systemd[1]: Created slice User and Session Slice.
[ 3.696773] random: systemd: uninitialized urandom read (16 bytes read)
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[ 3.697119] systemd[1]: Started Dispatch Password Requests to Console Directory Watch.  
[ 3.697419] systemd[1]: Started Forward Password Requests to Wall Directory Watch.  
[ 3.697763] systemd[1]: Reached target Paths.  
[ 3.697914] systemd[1]: Reached target Slices.  
[ 3.720965] systemd[1]: Listening on RPCbind Server Activation Socket.  
[ 3.721481] systemd[1]: Reached target RPC Port Mapper.  
[ 3.722218] systemd[1]: Listening on initctl Compatibility Named Pipe.  
[ 3.729648] systemd[1]: Condition check resulted in Journal Audit Socket being skipped.  
[ 3.732351] systemd[1]: Listening on Journal Socket (/dev/log).  
[ 3.733606] systemd[1]: Listening on Journal Socket.  
[ 3.736989] systemd[1]: Listening on udev Control Socket.  
[ 3.737965] systemd[1]: Listening on udev Kernel Socket.  
[ 3.744370] systemd[1]: Mounting Huge Pages File System...  
[ 3.750718] systemd[1]: Mounting POSIX Message Queue File System...  
[ 3.759622] systemd[1]: Mounting /storage/.entware/originalroot...  
[ 3.765988] systemd[1]: Mounting Kernel Debug File System...  
[ 3.766865] systemd[1]: Condition check resulted in Kernel Trace File System being skipped.  
[ 3.773560] systemd[1]: Mounting Variable Directory...  
[ 3.780157] /dev/loop1: Can't open blockdev  
[ 3.781085] systemd[1]: Starting Create list of static device nodes for the current kernel...  
[ 3.790247] systemd[1]: Starting Load Kernel Module configs...  
[ 3.798158] systemd[1]: Starting Load Kernel Module drm...  
[ 3.804936] systemd[1]: Starting Load Kernel Module fuse...  
[ 3.811537] systemd[1]: Starting Show Version...  
[ 3.817574] systemd[1]: Starting Create Persistent Log Directory on /storage and rotate large logs...  
[ 3.824088] systemd[1]: Starting Mounting swapfile...  
[ 3.856293] fuse: init (API version 7.32)  
[ 3.867965] systemd[1]: Starting Load Kernel Modules...  
[ 3.881834] systemd[1]: Starting Setup NTP servers for timesyncd...  
[ 3.891999] systemd[1]: Starting Coldplug All udev Devices...  
[ 3.900090] systemd[1]: Starting Wait for Kernel Time Synchronisation...  
[ 3.914791] systemd[1]: Mounted Huge Pages File System.  
[ 3.916157] systemd[1]: Mounted POSIX Message Queue File System.  
[ 3.917107] systemd[1]: Mounted /storage/.entware/originalroot.  
[ 3.917938] systemd[1]: Mounted Kernel Debug File System.  
[ 3.919025] systemd[1]: Mounted Variable Directory.  
[ 3.922672] systemd[1]: Finished Create list of static device nodes for the current kernel.  
[ 3.924310] systemd[1]: modprobe@configs.service: Succeeded.  
[ 3.927209] systemd[1]: Finished Load Kernel Module configs.  
[ 3.928658] systemd[1]: modprobe@drm.service: Succeeded.  
[ 3.931215] systemd[1]: Finished Load Kernel Module drm.  
[ 3.933322] systemd[1]: modprobe@fuse.service: Succeeded.  
[ 3.935837] systemd[1]: Finished Load Kernel Module fuse.  
[ 3.939493] systemd[1]: Finished Show Version.  
[ 3.953871] systemd[1]: Mounting FUSE Control File System...  
[ 3.962822] systemd[1]: Mounting Kernel Configuration File System...  
[ 3.980266] systemd[1]: Finished Load Kernel Modules.  
[ 3.983334] systemd[1]: Finished Setup NTP servers for timesyncd.  
[ 3.987308] systemd[1]: Finished Create Persistent Log Directory on /storage and rotate large logs.  
[ 3.988200] systemd[1]: Mounted FUSE Control File System.



[ 3.989180] systemd[1]: Mounted Kernel Configuration File System.  
[ 3.991035] systemd[1]: Condition check resulted in Persistent Log Storage being skipped.  
[ 3.997935] systemd[1]: Starting Apply Kernel Variables...  
[ 4.042914] systemd[1]: Finished Apply Kernel Variables.  
[ 4.247618] systemd[1]: Finished Mounting swapfile.  
[ 4.248310] systemd[1]: Reached target Swap.  
[ 4.254030] systemd[1]: Mounting Temporary Directory (/tmp)...  
[ 4.264672] systemd[1]: Mounted Temporary Directory (/tmp).  
[ 4.265285] systemd[1]: Reached target Local File Systems.  
[ 4.271502] systemd[1]: Starting Setup machine-id...  
[ 4.322033] systemd[1]: Finished Coldplug All udev Devices.  
[ 4.358517] systemd[1]: Finished Setup machine-id.  
[ 4.367250] systemd[1]: Starting Journal Service...  
[ 4.374004] systemd[1]: Starting Create Static Device Nodes in /dev...  
[ 4.424805] systemd[1]: Finished Create Static Device Nodes in /dev.  
[ 4.512130] systemd[1]: Started Journal Service.  
[ 4.550826] systemd-journald[314]: Received client request to flush runtime journal.  
[ 5.489915] random: crng init done  
[ 5.489937] random: 7 urandom warning(s) missed due to ratelimiting  
[ 7.398276] rockchip\_vdec: module is from the staging directory, the quality is unknown, you have been warned.  
[ 7.401369] rkvdcc ff360000.video-codec: Adding to iommu group 1  
[ 7.416730] Registered IR keymap rc-beelink-gs1  
[ 7.506820] hantro\_vpu: module is from the staging directory, the quality is unknown, you have been warned.  
[ 7.509917] hantro-vpu ff350000.video-codec: Adding to iommu group 0  
[ 7.520769] IR NEC protocol handler initialized  
[ 7.541603] rockchip-iep ff3a0000.iep: Adding to iommu group 3  
[ 7.542618] rockchip-iep ff3a0000.iep: Device rockchip-iep registered as /dev/video2  
[ 7.550217] rc rc0: gpio\_ir\_recv as /devices/platform/ir-receiver/rc/rc0  
[ 7.553119] rc rc0: lirc\_dev: driver gpio\_ir\_recv registered at minor = 0, raw IR receiver, no transmitter  
[ 7.553673] input: gpio\_ir\_recv as /devices/platform/ir-receiver/rc/rc0/input1  
[ 7.564863] hantro-vpu ff350000.video-codec: registered rockchip,rk3328-vpu-dec as /dev/video1  
[ 8.259571] rk\_gmac-dwmac ff550000.ethernet eth0: PHY [stmmac-1:00] driver [Rockchip integrated EPHY] (irq=POLL)  
[ 8.326667] rk\_gmac-dwmac ff550000.ethernet eth0: No Safety Features support found  
[ 8.326724] rk\_gmac-dwmac ff550000.ethernet eth0: PTP not supported by HW  
[ 8.335091] rk\_gmac-dwmac ff550000.ethernet eth0: configuring for phy/rmii link mode  
[ 8.417880] input: eventlircd as /devices/virtual/input/input2  
[ 8.442131] rk\_gmac-dwmac ff540000.ethernet eth1: PHY [stmmac-0:00] driver [Generic PHY] (irq=POLL)  
[ 8.673347] rk\_gmac-dwmac ff540000.ethernet: Failed to reset the dma  
[ 8.673375] rk\_gmac-dwmac ff540000.ethernet eth1: stmmac\_hw\_setup: DMA engine initialization failed  
[ 8.673382] rk\_gmac-dwmac ff540000.ethernet eth1: stmmac\_open: Hw setup failed  
[ 10.373856] rk\_gmac-dwmac ff550000.ethernet eth0: Link is Up - 100Mbps/Full - flow control rx/tx  
[ 10.373947] IPv6: ADDRCONF(NETDEV\_CHANGE): eth0: link becomes ready  
[ 32.053441] vcc\_host\_5v: disabling  
[ 201.440075] cec-dw\_hdmi: message 20 timed out