

InkBox OS system report

Generated on Sun Jan 1 16:26:43 UTC 2012

General

InkBox OS version: 1 . 9

Version control info:

- **GUI:** dc92af6
- **Root filesystem:** f72ada3
- **Kernel:** 439f7b4

Device: n306

Device UID:

```
7LC8xduSMwHO0BXAKqPVR7QyNKmXy8TTzyWt zgZyNQqddJNlpYlioUouHM0SgbgC
tcVfighCOhXRG3UFBZ0ehGpZZ6Q2hWYJEB1J6BiAKrnliRKLLZZNDRcNoqec6JHmE
dbk6sn7CIqKgVUhrcee0z8xvtC2KGax61cYuP9QLgixuApp1q8VhWPKo2xtiw6Cc
CPSvPz3wiUvEZ8OCTiMU8RJFqHAUQLih0VymGbjLiEswMpXQs8uXgrzpKjNYQyU1
```

Kernel type: Root

Kernel build ID: ydqo1LIb

Kernel version: 4 . 1 . 15

Kernel build info: #1 SMP PREEMPT Sun Mar 6 17:04:55 CET 2022

Developer key: No

System uptime: 0d 0h 6m 39s

Filesystems

Onboard storage: 192M/1022M

Boot partition: 16K/13M

Recovery partition: 7 . 5M/459M

Root filesystem partition: 67M/115M

User data partition: 2 . 7G/14G

KoBox/X11

Enabled: No

Running: No

Networking

Wi-Fi

Wi-Fi support: Yes

Wi-Fi enabled: No

USBNet

USBNet enabled: No

Kernel

Ring buffer:

```
[ 0.000000] Booting Linux on physical CPU 0x0
[ 0.000000] Linux version 4.1.15 (szybet@ArchSzybet) (gcc version 4.9.4 (crosstool-NG 1
.23.0.72-23ba174 - NiLuJe) ) #1 SMP PREEMPT Sun Mar 6 17:04:55 CET 2022
[ 0.000000] CPU: ARMv7 Processor [410fc075] revision 5 (ARMv7), cr=10c53c7d
[ 0.000000] CPU: PIPT / VIPT nonaliasing data cache, VIPT aliasing instruction cache
[ 0.000000] Machine model: Freescale i.MX6 ULL DDR3 NTX Board
[ 0.000000] Memory policy: Data cache writealloc
[ 0.000000] On node 0 totalpages: 65280
[ 0.000000] free_area_init_node: node 0, pgdat 80f1f6c0, node_mem_map 8fbf7000
[ 0.000000]   Normal zone: 508 pages used for memmap
[ 0.000000]   Normal zone: 0 pages reserved
[ 0.000000]   Normal zone: 65024 pages, LIFO batch:15
[ 0.000000]   HighMem zone: 256 pages, LIFO batch:0
[ 0.000000] PERCPU: Embedded 12 pages/cpu @8fbcf000 s16908 r8192 d24052 u49152
[ 0.000000] pcpu-alloc: s16908 r8192 d24052 u49152 alloc=12*4096
[ 0.000000] pcpu-alloc: [0] 0
[ 0.000000] Built 1 zonelists in Zone order, mobility grouping on. Total pages: 64772
[ 0.000000] Kernel command line: console=ttymx0,115200 rootwait rw no_console_suspend
hwcfg_p=0x8ffffe00 hwcfg_sz=110 waveform_p=0x8ff71a00 waveform_sz=582529 ntxfw_p=0x8ff7140
0 ntxfw_sz=1034 mem=255M boot_port=1 rootfstype=ramfs root=/dev/ram0 rdinit=/sbin/init pri
ntk.time quiet
[ 0.000000] PID hash table entries: 1024 (order: 0, 4096 bytes)
[ 0.000000] Dentry cache hash table entries: 32768 (order: 5, 131072 bytes)
[ 0.000000] Inode-cache hash table entries: 16384 (order: 4, 65536 bytes)
[ 0.000000] Memory: 242764K/261120K available (5709K kernel code, 225K rwdata, 2156K ro
data, 7364K init, 388K bss, 18356K reserved, 0K cma-reserved, 1024K highmem)
[ 0.000000] Virtual kernel memory layout:
[ 0.000000]   vector : 0xffff0000 - 0xffff1000   (   4 kB)
[ 0.000000]   fixmap : 0xffc00000 - 0xffff0000   (3072 kB)
[ 0.000000]   vmalloc : 0x90000000 - 0xff000000   (1776 MB)
[ 0.000000]   lowmem  : 0x80000000 - 0x8ff00000   ( 255 MB)
[ 0.000000]   pkmap   : 0x7fe00000 - 0x80000000   (   2 MB)
[ 0.000000]   modules : 0x7f000000 - 0x7fe00000   (  14 MB)
[ 0.000000]   .text   : 0x80008000 - 0x807b675c   (7866 kB)
[ 0.000000]   .init   : 0x807b7000 - 0x80ee8000   (7364 kB)
[ 0.000000]   .data   : 0x80ee8000 - 0x80f207a0   ( 226 kB)
[ 0.000000]   .bss    : 0x80f23000 - 0x80f841d8   ( 389 kB)
[ 0.000000] SLUB: HWalign=64, Order=0-3, MinObjects=0, CPUs=1, Nodes=1
[ 0.000000] Preemptible hierarchical RCU implementation.
[ 0.000000]   Additional per-CPU info printed with stalls.
[ 0.000000]   RCU restricting CPUs from NR_CPUS=4 to nr_cpu_ids=1.
[ 0.000000] RCU: Adjusting geometry for rcu_fanout_leaf=16, nr_cpu_ids=1
[ 0.000000] NR_IRQS:16 nr_irqs:16 16
[ 0.000000] mxc_clocksource_init 24000000
[ 0.000000] Switching to timer-based delay loop, resolution 41ns
[ 0.000015] sched_clock: 32 bits at 24MHz, resolution 41ns, wraps every 89478484971ns
[ 0.000054] clocksource mxc_timer1: mask: 0xffffffff max_cycles: 0xffffffff, max_idle_n
s: 79635851949 ns
[ 0.002842] Console: colour dummy device 80x30
[ 0.002888] Calibrating delay loop (skipped), value calculated using timer frequency..
48.00 BogoMIPS (lpj=240000)
```

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[ 0.002924] pid_max: default: 32768 minimum: 301
[ 0.003143] Mount-cache hash table entries: 1024 (order: 0, 4096 bytes)
[ 0.003171] Mountpoint-cache hash table entries: 1024 (order: 0, 4096 bytes)
[ 0.004288] CPU: Testing write buffer coherency: ok
[ 0.004767] /cpus/cpu@0 missing clock-frequency property
[ 0.004807] CPU0: thread -1, cpu 0, socket 0, mpidr 80000000
[ 0.004917] Setting up static identity map for 0x80008280 - 0x800082d8
[ 0.041196] Brought up 1 CPUs
[ 0.041234] SMP: Total of 1 processors activated (48.00 BogoMIPS).
[ 0.041253] CPU: All CPU(s) started in SVC mode.
[ 0.042320] devtmpfs: initialized
[ 0.058616] device-tree: Duplicate name in lcdif@021c8000, renamed to "display#1"
[ 0.066943] VFP support v0.3: implementor 41 architecture 2 part 30 variant 7 rev 5
[ 0.067876] clocksource jiffies: mask: 0xffffffff max_cycles: 0xffffffff, max_idle_ns:
1911260446275000 ns
[ 0.068611] pinctrl core: initialized pinctrl subsystem
[ 0.071444] NET: Registered protocol family 16
[ 0.072372] DMA: preallocated 256 KiB pool for atomic coherent allocations
[ 0.100739] cpuidle: using governor ladder
[ 0.130796] cpuidle: using governor menu
[ 0.173389] ntx_parse_cmdline():cp cmdline=console=ttyMXC0,115200 rootwait rw no_consol
e_suspend hwcfg_p=0x8ffffe00 hwcfg_sz=110 waveform_p=0x8ff71a00 waveform_sz=582529 ntxfw_p
=0x8ff71400 ntxfw_sz=1034 mem=255M boot_port=1 rootfstype=ramfs root=/dev/ram0 rdinit=/sbi
n/init printk.time quiet
[ 0.173434] hwcfg_size_setup() hwcfg_size=110
[ 0.173468] ***_MemoryRequest:48: request memory region! addr=8ffffe00, len=110***
[ 0.173523] hwcfg_p_setup() hwcfg_p=8ffffe00,vaddr=9005ee00,size=110,pcb=0x51
[ 0.173549] boot_port_setup() boot_port=1
[ 0.173574] ntxfw_size_setup() ntxfw_size=1034
[ 0.173603] ***_MemoryRequest:48: request memory region! addr=8ff71400, len=1034***
[ 0.173651] ntxfw[0], "E60U22A0_2fl_hdr_200520",type=0x6,sz=16
[ 0.173672] lm3630fl dual color table : 1 temperatures ,c1_pwr=0x0,c2_pwr=0x0
[ 0.173703] ntxfw[1], "E60U22A0_2fl_tab_200520",type=0x7,sz=844
[ 0.173736] ntxfw_p_setup() ntxfw_p=8ff71400,vaddr=9007c400,size=1034,name="E60U22A1",v
er=0.0.0.0,items=2
[ 0.174254] No ATAGs?
[ 0.174325] hw-breakpoint: found 5 (+1 reserved) breakpoint and 4 watchpoint registers.
[ 0.174347] hw-breakpoint: maximum watchpoint size is 8 bytes.
[ 0.178304] imx6ul-pinctrl 20e0000.iomuxc: initialized IMX pinctrl driver
[ 0.178930] imx6ul-pinctrl 2290000.iomuxc-snvs: initialized IMX pinctrl driver
[ 0.204084] mxs-dma 1804000.dma-apbh: initialized
[ 0.208216] PMU: ricoh61x_i2c_init:
[ 0.209408] SCSI subsystem initialized
[ 0.210182] usbcore: registered new interface driver usbfs
[ 0.210371] usbcore: registered new interface driver hub
[ 0.210647] usbcore: registered new device driver usb
[ 0.214982] sy7636_probe calling
[ 0.215042] sy7636_i2c_parse_dt_pdata():gpio_pmic_pwrall=78
[ 0.215079] sy7636_i2c_parse_dt_pdata():gpio_pmic_pwrall init set 1
[ 0.217130] sy7636_i2c_parse_dt_pdata():gpio_pmic_powerup=89
[ 0.217159] sy7636_detect calling
[ 0.224568] sy7636_detect():opmode=0x0
[ 0.224591] sy7636_detect success
[ 0.225288] sy7636 0-0062: PMIC SY7636 for eInk display
[ 0.225309] sy7636_probe success
[ 0.225368] i2c i2c-0: IMX I2C adapter registered
[ 0.225407] i2c i2c-0: can't use DMA
[ 0.226793] PMU: ricoh61x_i2c_probe:
[ 0.227511] ricoh61x_pre_init,line=956
[ 0.231687] ricoh61x_irq_gpio 129
[ 0.231718] invalid sleep gpio: -2
[ 0.231741] invalid dc_det gpio: -2

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[ 0.231766] ricoh61x chg gpio 128
[ 0.231803] ricoh61x bat_low gpio 131
[ 0.232457] PMU: ricoh61x_irq_init: g_full_flag: 0, CHGSTS1: 0x00
[ 0.246050] ricoh61x_irq_init: ricoh619_pmic_irq=1
[ 0.247783] i2c i2c-3: IMX I2C adapter registered
[ 0.247830] i2c i2c-3: can't use DMA
[ 0.248146] pps_core: LinuxPPS API ver. 1 registered
[ 0.248168] pps_core: Software ver. 5.3.6 - Copyright 2005-2007 Rodolfo Giometti

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Loaded modules:

Module	Size	Used by
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