U-Boot 2017.03-g5fcb63e1c5 (Jul 17 2018 - 16:48:05 +0000)

CPU: Freescale i.MX6ULL rev1.1 792 MHz (running at 396 MHz)

CPU: Industrial temperature grade (-40C to 105C) at 34C

Reset cause: POR

Model: Wiren Board rev. 6.1 (i.MX6UL)

Board: Wiren Board MX6UL

DRAM: 512 MiB

MMC: FSL\_SDHC: 0

Using default environment

In: serial

Out: serial

Err: serial

EEPROM #0 MAC: 54:10:ec:ef:87:79

EEPROM #1 MAC: 54:10:ec:ef:77:4d

Net: eth0: ethernet@02188000

Hit any key to stop autoboot: 0

Checking if there is a USB storage with update file wb6\_update.fit

dev: 5v\_out @ regulator@2

starting USB...

USB0: USB EHCI 1.00

USB1: USB EHCI 1.00

scanning bus 0 for devices... 2 USB Device(s) found

scanning bus 1 for devices... EHCI timed out on TD - token=0x80008c80

unable to get device descriptor (error=-1)

1 USB Device(s) found

scanning usb for storage devices... 1 Storage Device(s) found

Device 0: Vendor: General Rev: 1.0 Prod: USB Flash Disk

Type: Removable Hard Disk

Capacity: 3823.0 MB = 3.7 GB (7829504 x 512)

reading wb6\_update.fit

1 bytes read in 18 ms (0 Bytes/s)

##############################

# Detected USB flash drive with update file

# Filename: wb6\_update.fit

# Press a FW key if you want to update firmware from this file

# or wait 3 seconds to boot normally.

##############################

USB update procedure start

Checking if ubootenv part is present

## Loading FIT header to 0x82000000 ...

reading wb6\_update.fit

## Loading FIT strings to 0x82000028 ...

reading wb6\_update.fit

## Loading FIT struct to 0x82000100 ...

reading wb6\_update.fit

FAT: Misaligned buffer address (820010c8)

Skip 7928976 bytes of data

reading wb6\_update.fit

FAT: Misaligned buffer address (8200042c)

Skip 46505 bytes of data

reading wb6\_update.fit

FAT: Misaligned buffer address (82000e74)

Skip 7066 bytes of data

Skip 205249668 bytes of data

reading wb6\_update.fit

FAT: Misaligned buffer address (8200063c)

\*\* wb6\_update.fit shorter than offset + len \*\*

Can't find subimage 'ubootenv'

Extracting kernel

## Loading FIT header to 0x82000000 ...

reading wb6\_update.fit

## Loading FIT strings to 0x82000028 ...

reading wb6\_update.fit

## Loading FIT struct to 0x82000100 ...

reading wb6\_update.fit

FAT: Misaligned buffer address (820010c8)

reading wb6\_update.fit

7945616 bytes read in 1219 ms (6.2 MiB/s)

Description: Update kernel

Type: Kernel Image

Compression: uncompressed

Data Start: 0x82000300

Data Size: 7928976 Bytes = 7.6 MiB

Architecture: ARM

OS: Linux

Load Address: unavailable

Entry Point: unavailable

Hash algo: sha1

Hash value: 47f6419e0d5d8326c41b16761827dc3d746fec78

## Verifying ... sha1+

Loading part 0 ... OK

Extracting DTB

## Loading FIT header to 0x83000000 ...

reading wb6\_update.fit

## Loading FIT strings to 0x83000028 ...

reading wb6\_update.fit

## Loading FIT struct to 0x83000100 ...

reading wb6\_update.fit

FAT: Misaligned buffer address (830010c8)

Skip 7928976 bytes of data

reading wb6\_update.fit

FAT: Misaligned buffer address (8300042c)

reading wb6\_update.fit

63589 bytes read in 735 ms (84 KiB/s)

Description: Update DTB

Type: Flat Device Tree

Compression: uncompressed

Data Start: 0x83000440

Data Size: 46505 Bytes = 45.4 KiB

Architecture: ARM

Hash algo: sha1

Hash value: ef9dd3fe2b348fb8eb9f150b9dc2e27d6899e823

## Verifying ... sha1+

Loading part 0 ... OK

Kernel image @ 0x82000000 [ 0x000000 - 0x78fc90 ]

## Flattened Device Tree blob at 83000000

Booting using the fdt blob at 0x83000000

Loading Device Tree to 9ef49000, end 9ef575a8 ... OK

Starting kernel ...

[ 0.000000] Booting Linux on physical CPU 0x0

[ 0.000000] Linux version 4.9.22-wb6\_initramfs (root@WB-buildserver) (gcc version 5.4.0 20160609 (Ubuntu/Linaro 5.4.0-6ubuntu1~16.04.9) ) #2 SMP Tue Feb 1 16:52:01 MSK 2022

[ 0.000000] CPU: ARMv7 Processor [410fc075] revision 5 (ARMv7), cr=10c5387d

[ 0.000000] CPU: div instructions available: patching division code

[ 0.000000] CPU: PIPT / VIPT nonaliasing data cache, VIPT aliasing instruction cache

[ 0.000000] OF: fdt:Machine model: Wiren Board init (i.MX6UL/ULL)

[ 0.000000] Memory policy: Data cache writealloc

[ 0.000000] percpu: Embedded 14 pages/cpu @cfbd0000 s25932 r8192 d23220 u57344

[ 0.000000] Built 1 zonelists in Zone order, mobility grouping on. Total pages: 130048

[ 0.000000] Kernel command line: console=ttymxc0,115200 bootmode=usbupdate,wb6\_update.fit

[ 0.000000] PID hash table entries: 2048 (order: 1, 8192 bytes)

[ 0.000000] Dentry cache hash table entries: 65536 (order: 6, 262144 bytes)

[ 0.000000] Inode-cache hash table entries: 32768 (order: 5, 131072 bytes)

[ 0.000000] Memory: 506760K/524288K available (5120K kernel code, 202K rwdata, 1576K rodata, 5120K init, 295K bss, 17528K reserved, 0K cma-reserved)

[ 0.000000] Virtual kernel memory layout:

[ 0.000000] vector : 0xffff0000 - 0xffff1000 ( 4 kB)

[ 0.000000] fixmap : 0xffc00000 - 0xfff00000 (3072 kB)

[ 0.000000] vmalloc : 0xd0800000 - 0xff800000 ( 752 MB)

[ 0.000000] lowmem : 0xb0000000 - 0xd0000000 ( 512 MB)

[ 0.000000] modules : 0xaf000000 - 0xb0000000 ( 16 MB)

[ 0.000000] .text : 0xb0008000 - 0xb0600000 (6112 kB)

[ 0.000000] .init : 0xb0800000 - 0xb0d00000 (5120 kB)

[ 0.000000] .data : 0xb0d00000 - 0xb0d32880 ( 203 kB)

[ 0.000000] .bss : 0xb0d34000 - 0xb0d7ddb0 ( 296 kB)

[ 0.000000] SLUB: HWalign=64, Order=0-3, MinObjects=0, CPUs=1, Nodes=1

[ 0.000000] Hierarchical RCU implementation.

[ 0.000000] Build-time adjustment of leaf fanout to 32.

[ 0.000000] RCU restricting CPUs from NR\_CPUS=4 to nr\_cpu\_ids=1.

[ 0.000000] RCU: Adjusting geometry for rcu\_fanout\_leaf=32, nr\_cpu\_ids=1

[ 0.000000] NR\_IRQS:16 nr\_irqs:16 16

[ 0.000000] Switching to timer-based delay loop, resolution 41ns

[ 0.000016] sched\_clock: 32 bits at 24MHz, resolution 41ns, wraps every 89478484971ns

[ 0.000054] clocksource: mxc\_timer1: mask: 0xffffffff max\_cycles: 0xffffffff, max\_idle\_ns: 79635851949 ns

[ 0.002602] Console: colour dummy device 80x30

[ 0.002645] Calibrating delay loop (skipped), value calculated using timer frequency.. 48.00 BogoMIPS (lpj=240000)

[ 0.002678] pid\_max: default: 32768 minimum: 301

[ 0.002866] Mount-cache hash table entries: 1024 (order: 0, 4096 bytes)

[ 0.002894] Mountpoint-cache hash table entries: 1024 (order: 0, 4096 bytes)

[ 0.004094] CPU: Testing write buffer coherency: ok

[ 0.004589] /cpus/cpu@0 missing clock-frequency property

[ 0.004631] CPU0: thread -1, cpu 0, socket 0, mpidr 80000000

[ 0.004687] Setting up static identity map for 0x80100000 - 0x80100070

[ 0.007078] Brought up 1 CPUs

[ 0.007113] SMP: Total of 1 processors activated (48.00 BogoMIPS).

[ 0.007128] CPU: All CPU(s) started in SVC mode.

[ 0.008348] devtmpfs: initialized

[ 0.034440] VFP support v0.3: implementor 41 architecture 2 part 30 variant 7 rev 5

[ 0.035120] clocksource: jiffies: mask: 0xffffffff max\_cycles: 0xffffffff, max\_idle\_ns: 19112604462750000 ns

[ 0.035170] futex hash table entries: 256 (order: 2, 16384 bytes)

[ 0.035348] pinctrl core: initialized pinctrl subsystem

[ 0.037408] NET: Registered protocol family 16

[ 0.037923] DMA: preallocated 256 KiB pool for atomic coherent allocations

[ 0.040601] cpuidle: using governor menu

[ 0.075889] hw-breakpoint: found 5 (+1 reserved) breakpoint and 4 watchpoint registers.

[ 0.075920] hw-breakpoint: maximum watchpoint size is 8 bytes.

[ 0.078139] imx6ul-pinctrl 20e0000.iomuxc: initialized IMX pinctrl driver

[ 0.118384] mxs-dma 1804000.dma-apbh: initialized

[ 0.122884] SCSI subsystem initialized

[ 0.123481] usbcore: registered new interface driver usbfs

[ 0.123652] usbcore: registered new interface driver hub

[ 0.123893] usbcore: registered new device driver usb

[ 0.125477] i2c-gpio i2c\_rtc: using pins 48 (SDA) and 49 (SCL)

[ 0.126345] i2c-gpio i2c\_eeprom1: using pins 76 (SDA) and 67 (SCL)

[ 0.127171] i2c-gpio i2c\_eeprom2: using pins 70 (SDA) and 71 (SCL)

[ 0.128652] i2c i2c-1: IMX I2C adapter registered

[ 0.128696] i2c i2c-1: can't use DMA, using PIO instead.

[ 0.129111] pps\_core: LinuxPPS API ver. 1 registered

[ 0.129135] pps\_core: Software ver. 5.3.6 - Copyright 2005-2007 Rodolfo Giometti <giometti@linux.it>

[ 0.129192] PTP clock support registered

[ 0.131574] clocksource: Switched to clocksource mxc\_timer1

[ 0.155356] NET: Registered protocol family 2

[ 0.156586] TCP established hash table entries: 4096 (order: 2, 16384 bytes)

[ 0.156710] TCP bind hash table entries: 4096 (order: 3, 32768 bytes)

[ 0.156868] TCP: Hash tables configured (established 4096 bind 4096)

[ 0.156982] UDP hash table entries: 256 (order: 1, 8192 bytes)

[ 0.157037] UDP-Lite hash table entries: 256 (order: 1, 8192 bytes)

[ 0.157337] NET: Registered protocol family 1

[ 0.158167] RPC: Registered named UNIX socket transport module.

[ 0.158200] RPC: Registered udp transport module.

[ 0.158215] RPC: Registered tcp transport module.

[ 0.158230] RPC: Registered tcp NFSv4.1 backchannel transport module.

[ 0.727230] workingset: timestamp\_bits=30 max\_order=17 bucket\_order=0

[ 0.742505] squashfs: version 4.0 (2009/01/31) Phillip Lougher

[ 0.744487] ntfs: driver 2.1.32 [Flags: R/W].

[ 0.754964] Block layer SCSI generic (bsg) driver version 0.4 loaded (major 249)

[ 0.754998] io scheduler noop registered (default)

[ 0.760161] imx-sdma 20ec000.sdma: Direct firmware load for imx/sdma/sdma-imx6q.bin failed with error -2

[ 0.760203] imx-sdma 20ec000.sdma: external firmware not found, using ROM firmware

[ 0.769328] 2020000.serial: ttymxc0 at MMIO 0x2020000 (irq = 18, base\_baud = 5000000) is a IMX

[ 1.322361] console [ttymxc0] enabled

[ 1.327881] 21e8000.serial: ttymxc1 at MMIO 0x21e8000 (irq = 55, base\_baud = 5000000) is a IMX

[ 1.338142] 21fc000.serial: ttymxc5 at MMIO 0x21fc000 (irq = 56, base\_baud = 5000000) is a IMX

[ 1.380960] imx\_rngc 2284000.rngb: Freescale RNGC registered.

[ 1.415898] brd: module loaded

[ 1.434861] loop: module loaded

[ 1.443098] at24 5-0050: 256 byte 24c02 EEPROM, writable, 1 bytes/write

[ 1.454519] at24 6-0050: 256 byte 24c02 EEPROM, writable, 1 bytes/write

[ 1.462083] libphy: Fixed MDIO Bus: probed

[ 1.468550] 20b4000.ethernet supply phy not found, using dummy regulator

[ 1.476569] pps pps0: new PPS source ptp0

[ 1.509516] libphy: fec\_enet\_mii\_bus: probed

[ 1.515784] fec 20b4000.ethernet eth0: registered PHC device 0

[ 1.641659] 2188000.ethernet supply phy not found, using dummy regulator

[ 1.762591] pps pps1: new PPS source ptp1

[ 1.767665] libphy: fec\_enet\_mii\_bus: probed

[ 1.775560] fec 2188000.ethernet eth1: registered PHC device 1

[ 1.782135] ehci\_hcd: USB 2.0 'Enhanced' Host Controller (EHCI) Driver

[ 1.788705] ehci-mxc: Freescale On-Chip EHCI Host driver

[ 1.794550] usbcore: registered new interface driver cdc\_acm

[ 1.800248] cdc\_acm: USB Abstract Control Model driver for USB modems and ISDN adapters

[ 1.808735] usbcore: registered new interface driver usb-storage

[ 1.871831] rtc-pcf8563 4-0051: rtc core: registered rtc-pcf8563 as rtc0

[ 1.887940] snvs\_rtc 20cc000.snvs:snvs-rtc-lp: rtc core: registered 20cc000.snvs:snvs-r as rtc1

[ 1.897068] i2c /dev entries driver

[ 1.905266] imx2-wdt 20bc000.wdog: timeout 60 sec (nowayout=0)

[ 1.912777] imx6ul-pinctrl 20e0000.iomuxc: pin MX6UL\_PAD\_SD1\_DATA1 already requested by watchdog; cannot claim for watchdog\_6x

[ 1.924328] imx6ul-pinctrl 20e0000.iomuxc: pin-114 (watchdog\_6x) status -22

[ 1.931332] imx6ul-pinctrl 20e0000.iomuxc: could not request pin 114 (MX6UL\_PAD\_SD1\_DATA1) from group wdggrp\_6x on device 20e0000.iomuxc

[ 1.943760] gpio-wdt watchdog\_6x: Error applying setting, reverse things back

[ 1.950951] gpio-wdt: probe of watchdog\_6x failed with error -22

[ 1.958733] sdhci: Secure Digital Host Controller Interface driver

[ 1.965055] sdhci: Copyright(c) Pierre Ossman

[ 1.969441] sdhci-pltfm: SDHCI platform and OF driver helper

[ 2.041645] mmc0: SDHCI controller on 2194000.usdhc [2194000.usdhc] using ADMA

[ 2.061219] ledtrig-cpu: registered to indicate activity on CPUs

[ 2.071217] random: fast init done

[ 2.089296] usbcore: registered new interface driver usbhid

[ 2.097063] usbhid: USB HID core driver

[ 2.111338] NET: Registered protocol family 17

[ 2.122321] Registering SWP/SWPB emulation handler

[ 2.129363] registered taskstats version 1

[ 2.146355] imx\_thermal 2000000.aips-bus:tempmon: Industrial CPU temperature grade - max:105C critical:100C passive:95C

[ 2.169609] rtc-pcf8563 4-0051: setting system clock to 2023-05-16 11:18:09 UTC (1684235889)

[ 2.178101] of\_cfs\_init

[ 2.180757] of\_cfs\_init: OK

[ 2.189660] vdd3p0: disabling

[ 2.194833] vref-3v3: disabling

[ 2.200081] usb1\_vbus: disabling

[ 2.212052] Freeing unused kernel memory: 5120K (b0800000 - b0d00000)

[ 2.227782] mmc0: new DDR MMC card at address 0001

[ 2.247832] mmcblk0: mmc0:0001 W62704 3.53 GiB

[ 2.261970] mmcblk0boot0: mmc0:0001 W62704 partition 1 2.00 MiB

mount: mounting none on /dev/pts [ 2.273336] mmcblk0boot1: mmc0:0001 W62704 partition 2 2.00 MiB

failed: No such file or directory

[ 2.292188] mmcblk0rpmb: mmc0:0001 W62704 partition 3 512 KiB

[ 2.302631] mmcblk0: p1 p2 p3 p4 < p5 p6 >

Boot mode: usbupdate,wb6\_update.fit

Board is WB6, loading ci\_hdrc\_imx module

[ 2.540009] ci\_hdrc ci\_hdrc.0: EHCI Host Controller

[ 2.545256] ci\_hdrc ci\_hdrc.0: new USB bus registered, assigned bus number 1

[ 2.581659] ci\_hdrc ci\_hdrc.0: USB 2.0 started, EHCI 1.00

[ 2.587336] usb usb1: New USB device found, idVendor=1d6b, idProduct=0002

[ 2.594196] usb usb1: New USB device strings: Mfr=3, Product=2, SerialNumber=1

[ 2.601428] usb usb1: Product: EHCI Host Controller

[ 2.606360] usb usb1: Manufacturer: Linux 4.9.22-wb6\_initramfs ehci\_hcd

[ 2.613021] usb usb1: SerialNumber: ci\_hdrc.0

[ 2.618845] hub 1-0:1.0: USB hub found

[ 2.622844] hub 1-0:1.0: 1 port detected

[ 2.628335] 2184200.usb supply vbus not found, using dummy regulator

[ 2.639010] ci\_hdrc ci\_hdrc.1: EHCI Host Controller

[ 2.644102] ci\_hdrc ci\_hdrc.1: new USB bus registered, assigned bus number 2

[ 2.671668] ci\_hdrc ci\_hdrc.1: USB 2.0 started, EHCI 1.00

[ 2.677440] usb usb2: New USB device found, idVendor=1d6b, idProduct=0002

[ 2.684315] usb usb2: New USB device strings: Mfr=3, Product=2, SerialNumber=1

[ 2.691598] usb usb2: Product: EHCI Host Controller

[ 2.696491] usb usb2: Manufacturer: Linux 4.9.22-wb6\_initramfs ehci\_hcd

[ 2.703179] usb usb2: SerialNumber: ci\_hdrc.1

[ 2.708932] hub 2-0:1.0: USB hub found

[ 2.712941] hub 2-0:1.0: 1 port detected

[ 3.061734] usb 1-1: new high-speed USB device number 2 using ci\_hdrc

[ 3.071719] usb 2-1: new high-speed USB device number 2 using ci\_hdrc

[ 3.253617] usb 1-1: New USB device found, idVendor=8644, idProduct=800b

[ 3.260441] usb 1-1: New USB device strings: Mfr=1, Product=2, SerialNumber=3

[ 3.267815] usb 1-1: Product: USB Flash Disk

[ 3.273639] usb 1-1: Manufacturer: General

[ 3.279812] usb 1-1: SerialNumber: 0000000000000F9D

[ 3.285713] usb 2-1: New USB device found, idVendor=0424, idProduct=2514

[ 3.292628] usb 2-1: New USB device strings: Mfr=0, Product=0, SerialNumber=0

[ 3.302953] usb-storage 1-1:1.0: USB Mass Storage device detected

[ 3.312544] hub 2-1:1.0: USB hub found

[ 3.317425] hub 2-1:1.0: 4 ports detected

[ 3.321798] scsi host0: usb-storage 1-1:1.0

Load modules for USB to work

Starting USB update

Waiting for USB to settle (0/10)

[ 4.406324] scsi 0:0:0:0: Direct-Access General USB Flash Disk 1.0 PQ: 0 ANSI: 2

[ 4.418795] sd 0:0:0:0: [sda] 7829504 512-byte logical blocks: (4.01 GB/3.73 GiB)

[ 4.430384] sd 0:0:0:0: [sda] Write Protect is off

[ 4.437128] sd 0:0:0:0: [sda] No Caching mode page found

[ 4.442690] sd 0:0:0:0: [sda] Assuming drive cache: write through

[ 4.459863] sda: sda1

[ 4.470004] sd 0:0:0:0: [sda] Attached SCSI removable disk

umount: can't umount /usb: Invalid argument

Looking for wb6\_update.fit on /dev/sda

umount: can't umount /usb: Invalid argument

mount: mounting /dev/sda on /usb failed: Invalid argument

Looking for wb6\_update.fit on /dev/sda1

umount: can't umount /usb: Invalid argument

[ 5.118200] FAT-fs (sda1): Volume was not properly unmounted. Some data may be corrupt. Please run fsck.

BusyBox v1.22.1 (Debian 1:1.22.0-19+deb9u2) built-in shell (ash)

Enter 'help' for a list of built-in commands.

~ # ===============================================================================

Tue May 16 11:18:12 UTC 2023: started update from /usb/wb6\_update.fit

===============================================================================

Description: WirenBoard firmware update

Compatible device: contactless,imx6ul-wirenboard61

Firmware version: 202305101331

Firmware compatible: unknown

Release name: wb-2304

Release suite: stable

Release target: wb6/bullseye

Release repo prefix:

Time of creation: Wed May 10 13:33:51 UTC 2023

===============================================================================

>>> Checking SHA1 hash of install

PROGRESS: 0%

>>> SHA1 hash of install ok

>>> Extracting install script

>>> Running install script

[ 17.154341] random: crng init done

>>> Checking SHA1 hash of rootfs

PROGRESS: 100%

>>> SHA1 hash of rootfs ok

>>> Installing firmware update

>>> Getting mmcpart from U-Boot environment

>>> Will install to /dev/mmcblk0p3

>>> Check if partition table is correct

>>> Temporarily mount actual rootfs /dev/mmcblk0p2 to check os-release

[ 53.205305] EXT4-fs (mmcblk0p2): recovery complete

[ 53.211014] EXT4-fs (mmcblk0p2): mounted filesystem with ordered data mode. Opts: (null)

[ 53.347413] EXT4-fs (mmcblk0p3): mounted filesystem with ordered data mode. Opts: (null)

>>> Mounting /dev/mmcblk0p3 at /dev/shm/rootfs

[ 53.394169] EXT4-fs (mmcblk0p3): mounted filesystem with ordered data mode. Opts: (null)

>>> Debian: stretch -> bullseye

>>> Cleaning up /dev/mmcblk0p3

>>> Cleaning up using rsync

>>> Extracting files to new rootfs

/dev/shm/rootfs /

PROGRESS: 100%

/

>>> Recovering device certificates

[ 150.006253] EXT4-fs (loop0): couldn't mount as ext3 due to feature incompatibilities

[ 150.072749] EXT4-fs (loop0): couldn't mount as ext2 due to feature incompatibilities

[ 150.136582] EXT4-fs (loop0): mounted filesystem without journal. Opts: (null)

>>> Mount /dev, /proc and /sys to rootfs

>>> Running post-install scripts

>>> > Processing /dev/shm/rootfs/usr/lib/wb-image-update/postinst/10update-u-boot

/dev/shm/tmp.xDnHfQ: line 204: /dev/shm/rootfs/usr/lib/wb-image-update/postinst/10update-u-boot: cannot execute binary file: Exec format error

>>> Unmounting /dev, /proc and /sys from rootfs

>>> Switching to new rootfs

>>> Done!

>>> Unmounting new rootfs

>>> Reboot system

[ 152.278021] ci\_hdrc ci\_hdrc.1: remove, state 4

[ 152.282778] usb usb2: USB disconnect, device number 1

[ 152.287849] usb 2-1: USB disconnect, device number 2

[ 152.294698] ci\_hdrc ci\_hdrc.1: USB bus 2 deregistered

[ 152.300082] ci\_hdrc ci\_hdrc.0: remove, state 1

[ 152.304717] usb usb1: USB disconnect, device number 1

[ 152.309783] usb 1-1: USB disconnect, device number 2

[ 152.463764] ci\_hdrc ci\_hdrc.0: USB bus 1 deregistered

[ 152.492679] reboot: Restarting system

U-Boot 2017.03-g5fcb63e1c5 (Jul 17 2018 - 16:48:05 +0000)

CPU: Freescale i.MX6ULL rev1.1 792 MHz (running at 396 MHz)

CPU: Industrial temperature grade (-40C to 105C) at 50C

Reset cause: WDOG

Model: Wiren Board rev. 6.1 (i.MX6UL)

Board: Wiren Board MX6UL

DRAM: 512 MiB

MMC: FSL\_SDHC: 0

Using default environment

In: serial

Out: serial

Err: serial

EEPROM #0 MAC: 54:10:ec:ef:87:79

EEPROM #1 MAC: 54:10:ec:ef:77:4d

Net: eth0: ethernet@02188000

Hit any key to stop autoboot: 0

Checking if there is a USB storage with update file wb6\_update.fit

dev: 5v\_out @ regulator@2

starting USB...

USB0: USB EHCI 1.00

USB1: USB EHCI 1.00

scanning bus 0 for devices... 2 USB Device(s) found

scanning bus 1 for devices... EHCI timed out on TD - token=0x80008c80

unable to get device descriptor (error=-1)

1 USB Device(s) found

scanning usb for storage devices... 1 Storage Device(s) found

Device 0: Vendor: General Rev: 1.0 Prod: USB Flash Disk

Type: Removable Hard Disk

Capacity: 3823.0 MB = 3.7 GB (7829504 x 512)

reading wb6\_update.fit

1 bytes read in 18 ms (0 Bytes/s)

##############################

# Detected USB flash drive with update file

# Filename: wb6\_update.fit

# Press a FW key if you want to update firmware from this file

# or wait 3 seconds to boot normally.

##############################

No USB update detected, continuing boot

switch to partitions #0, OK

mmc0(part 0) is current device

SD/MMC found on device 0

322 bytes read in 63 ms (4.9 KiB/s)

Importing environment from 0x82000000...

Checking if uenvcmd is set ...

Running default loadzimage ...

5899184 bytes read in 2456 ms (2.3 MiB/s)

46257 bytes read in 156 ms (289.1 KiB/s)

MMC read: dev # 0, block # 2016, count 32 ... 32 blocks read: OK

Reading overlays list from eMMC

670 bytes read in 108 ms (5.9 KiB/s)

Applying DT overlay wb6-gsm-sim800

225 bytes read in 179 ms (1000 Bytes/s)

Applying DT overlay wb6-nowifi

229 bytes read in 202 ms (1000 Bytes/s)

Applying DT overlay wb6-nobluetooth

libfdt fdt\_check\_header(): FDT\_ERR\_BADMAGIC

Failed to apply overlay wb6-nobluetooth

Some overlays are not applied, booting in failsafe

46257 bytes read in 155 ms (291 KiB/s)

Booting from mmc ...

Kernel image @ 0x82000000 [ 0x000000 - 0x5a03b0 ]

## Flattened Device Tree blob at 83000000

Booting using the fdt blob at 0x83000000

Loading Device Tree to 9ef34000, end 9ef56fff ... OK

Starting kernel ...

U-Boot 2017.03-g5fcb63e1c5 (Jul 17 2018 - 16:48:05 +0000)

CPU: Freescale i.MX6ULL rev1.1 792 MHz (running at 396 MHz)

CPU: Industrial temperature grade (-40C to 105C) at 44C

Reset cause: POR

Model: Wiren Board rev. 6.1 (i.MX6UL)

Board: Wiren Board MX6UL

DRAM: 512 MiB

MMC: FSL\_SDHC: 0

Using default environment

In: serial

Out: serial

Err: serial

EEPROM #0 MAC: 54:10:ec:ef:87:79

EEPROM #1 MAC: 54:10:ec:ef:77:4d

Net: eth0: ethernet@02188000

Hit any key to stop autoboot: 0

Checking if there is a USB storage with update file wb6\_update.fit

dev: 5v\_out @ regulator@2

starting USB...

USB0: USB EHCI 1.00

USB1: USB EHCI 1.00

scanning bus 0 for devices... 2 USB Device(s) found

scanning bus 1 for devices... EHCI timed out on TD - token=0x80008c80

unable to get device descriptor (error=-1)

1 USB Device(s) found

scanning usb for storage devices... 1 Storage Device(s) found

Device 0: Vendor: General Rev: 1.0 Prod: USB Flash Disk

Type: Removable Hard Disk

Capacity: 3823.0 MB = 3.7 GB (7829504 x 512)

reading wb6\_update.fit

1 bytes read in 18 ms (0 Bytes/s)

##############################

# Detected USB flash drive with update file

# Filename: wb6\_update.fit

# Press a FW key if you want to update firmware from this file

# or wait 3 seconds to boot normally.

##############################

No USB update detected, continuing boot

switch to partitions #0, OK

mmc0(part 0) is current device

SD/MMC found on device 0

322 bytes read in 63 ms (4.9 KiB/s)

Importing environment from 0x82000000...

Checking if uenvcmd is set ...

Running default loadzimage ...

5899184 bytes read in 2458 ms (2.3 MiB/s)

46257 bytes read in 156 ms (289.1 KiB/s)

MMC read: dev # 0, block # 2016, count 32 ... 32 blocks read: OK

Reading overlays list from eMMC

670 bytes read in 108 ms (5.9 KiB/s)

Applying DT overlay wb6-gsm-sim800

225 bytes read in 179 ms (1000 Bytes/s)

Applying DT overlay wb6-nowifi

229 bytes read in 202 ms (1000 Bytes/s)

Applying DT overlay wb6-nobluetooth

libfdt fdt\_check\_header(): FDT\_ERR\_BADMAGIC

Failed to apply overlay wb6-nobluetooth

Some overlays are not applied, booting in failsafe

46257 bytes read in 155 ms (291 KiB/s)

Booting from mmc ...

Kernel image @ 0x82000000 [ 0x000000 - 0x5a03b0 ]

## Flattened Device Tree blob at 83000000

Booting using the fdt blob at 0x83000000

Loading Device Tree to 9ef34000, end 9ef56fff ... OK

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Type: Removable Hard Disk

Capacity: 3823.0 MB = 3.7 GB (7829504 x 512)

reading wb6\_update.fit

1 bytes read in 18 ms (0 Bytes/s)

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switch to partitions #0, OK

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SD/MMC found on device 0

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Checking if uenvcmd is set ...

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46257 bytes read in 156 ms (289.1 KiB/s)

MMC read: dev # 0, block # 2016, count 32 ... 32 blocks read: OK

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Applying DT overlay wb6-gsm-sim800

225 bytes read in 180 ms (1000 Bytes/s)

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