

COM4:115200baud - Tera Term VT

File Edit Setup Control Window Resize Help

U-Boot SPL 2018.07 (May 21 2019 - 09:24:49 -0400)

Trying to boot from NAND

save_boot_device: saving boot device: BOOT_DEVICE_NAND - 00000005

U-Boot 2018.07 (May 21 2019 - 09:24:49 -0400)

CPU : AM335X-GP rev 2.1

Model: TI AM335x EVM

DRAM: 128 MiB

NAND: 128 MiB

MMC: OMAP SD/MMC: 0, OMAP SD/MMC: 1

Loading Environment from NAND... OK

In: serial@44e09000

Out: serial@44e09000

Err: serial@44e09000

Model: TI AM335x EVM

<ethaddr> not set. Validating first E-fuse MAC

boot_device: get boot device: BOOT_DEVICE_NAND - 00000005

Net: setting up ethernet

cpsw

Hit any key to stop autoboot: 0

bootdev = nand

nand boot

ubi0: attaching mtd1

ubi0: scanning is finished

ubi0: attached mtd1 (name "mtd=9", size 32 MiB)

ubi0: PEB size: 131072 bytes (128 KiB), LEB size: 129024 bytes

ubi0: min./max. I/O unit sizes: 2048/2048, sub-page size 512

ubi0: VID header offset: 512 (aligned 512), data offset: 2048

ubi0: good PEBs: 256, bad PEBs: 0, corrupted PEBs: 0

ubi0: user volume: 1, internal volumes: 1, max. volumes count: 128

ubi0: max/mean erase counter: 2/1, WL threshold: 4096, image sequence number: 1367179375

ubi0: available PEBs: 0, total reserved PEBs: 256, PEBs reserved for bad PEB handling: 20

Loading file 'uEnv.txt' to addr 0x81000000...

Done

Loading file 'fpga_bin/fpga1.bit' to addr 0x81000000...

Done

Loading file 'fpga_bin/fpga2.bit' to addr 0x81800000...

Done

Unmounting UBIFS volume dta_data!

do_prog_fpga: argc = 3

fpga1 addr = 81000000

fpga2 addr = 81800000

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Booting from nand ...

NAND read: device 0 offset 0x800000, size 0x400000
262144 bytes read: OK

NAND read: device 0 offset 0x200000, size 0xdfa538
14656824 bytes read: OK

Flattened Device Tree blob at 84000000
Booting using the fdt blob at 0x84000000
Using Device Tree in place at 84000000, end 8400bd16

Starting kernel ...

[0.000000] Booting Linux on physical CPU 0x0
[0.000000] Linux version 4.6.0-DTA-2300-17.05.2019 (rajeev@pippin) (gcc version 7.3.1 20180425 [linaro-7.3-2018.05 revision d29120a424ecfbc167ef90065c0eeb7f91977701] (Linaro GCC 7.3-2018.05)) #197 Tue May 21 09:25:34 EDT 2019

[0.000000] CPU: ARMv7 Processor [413fc082] revision 2 (ARMv7), cr=10c5387d
[0.000000] CPU: PIPT / VIPT nonaliasing data cache, VIPT aliasing instruction cache
[0.000000] Machine model: D-TA CTL-602 RevA0
[0.000000] cma: Reserved 16 MiB at 0x87000000
[0.000000] Memory policy: Data cache writeback
[0.000000] CPU: All CPU(s) started in SVC mode.
[0.000000] AM335X ES2.1 (sgx neon)
[0.000000] Built 1 zonelists in Zone order, mobility grouping on. Total pages: 32480
[0.000000] Kernel command line: console=tty00,115200n8,uio_pdrv_genirq.of_id=generic-uio root=ubi0:rootfs rw ubi.mtd=NAND.file-system,512 ubi.mtd=NAND.file-system2,512 ubi.mtd=NAND.file-system3,512 rootfstype=ubifs rootwait=1

[0.000000] PID hash table entries: 512 (order: -1, 2048 bytes)
[0.000000] Dentry cache hash table entries: 16384 (order: 4, 65536 bytes)
[0.000000] Inode-cache hash table entries: 8192 (order: 3, 32768 bytes)
[0.000000] Memory: 84084K/131072K available (6313K kernel code, 500K rwdma, 1996K rodata, 11264K init, 8078K bss, 30604K reserved, 16384K cma-reserved, 0K highmem)

[0.000000] Virtual kernel memory layout:
[0.000000] vector : 0xffff0000 - 0xffff1000 (4 kB)
[0.000000] fixmap : 0xffc00000 - 0xffff0000 (3072 kB)
[0.000000] vmalloc : 0xc8800000 - 0xff800000 (880 MB)
[0.000000] lowmem : 0xc0000000 - 0xc8000000 (128 MB)
[0.000000] pkmap : 0xbfe00000 - 0xc0000000 (2 MB)
[0.000000] modules : 0xbf000000 - 0xbfe00000 (14 MB)
[0.000000] .text : 0xc0008000 - 0xc091d6a4 (9302 kB)
[0.000000] .init : 0xc0a00000 - 0xc1500000 (11264 kB)
[0.000000] .data : 0xc1500000 - 0xc157d3f8 (501 kB)
[0.000000] .bss : 0xc157f000 - 0xc1d62894 (8079 kB)

[0.000000] Running CPU self tests

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ubi.mtd=NAND.file-system,512 ubi.mtd=NAND.file-system2,512 ubi.mtd=NAND.file-system3,512 rootfstype=ubifs rootwait=1

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[ 0.000000]   vmalloc : 0xc8800000 - 0xff800000   ( 880 MB)

[ 0.000000]   lowmem  : 0xc0000000 - 0xc8000000   (128 MB)

[ 0.000000]   pkmap   : 0xbfe00000 - 0xc0000000   ( 2 MB)

[ 0.000000]   modules : 0xbf000000 - 0xbfe00000   ( 14 MB)

[ 0.000000]   .text : 0xc0008000 - 0xc091d6a4   (9302 kB)

[ 0.000000]   .init : 0xc0a00000 - 0xc1500000   (11264 kB)

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[ 0.000000] .data : 0xc1500000 - 0xc157d3f8 ( 501 kB)
[ 0.000000] .bss : 0xc157f000 - 0xc1d62894 (8079 kB)
[ 0.000000] Running RCU self tests
[ 0.000000] NR_IRQS:16 nr_irqs:16 16
[ 0.000000] IRQ: Found an INTC at 0xfa200000 (revision 5.0) with 128 interrupts
[ 0.000000] OMAP clockevent source: timer2 at 24000000 Hz
[ 0.000021] sched_clock: 32 bits at 24MHz, resolution 41ns, wraps every 89478484971ns
[ 0.000052] clocksource: timer1: mask: 0xffffffff max_cycles: 0xffffffff, max_idle_ns: 79635851949 ns
[ 0.000119] OMAP clocksource: timer1 at 24000000 Hz
[ 0.001358] Console: colour dummy device 80x30
[ 0.001445] Lock dependency validator: Copyright (c) 2006 Red Hat, Inc., Ingo Molnar
[ 0.001459] ... MAX_LOCKDEP_SUBCLASSES: 8
[ 0.001470] ... MAX_LOCK_DEPTH: 48
[ 0.001481] ... MAX_LOCKDEP_KEYS: 8191
[ 0.001492] ... CLASSHASH_SIZE: 4096
[ 0.001503] ... MAX_LOCKDEP_ENTRIES: 32768
[ 0.001514] ... MAX_LOCKDEP_CHAINS: 65536
[ 0.001525] ... CHAINHASH_SIZE: 32768
[ 0.001536] memory used by lock dependency info: 5167 kB
```

[0.001548] per task-struct memory footprint: 1536 bytes

[0.001582] Calibrating delay loop... 595.96 BogoMIPS (lpj=1191936)

[0.045985] pid_max: default: 32768 minimum: 301

[0.046398] Security Framework initialized

[0.046538] Mount-cache hash table entries: 1024 (order: 0, 4096 bytes)

[0.046564] Mountpoint-cache hash table entries: 1024 (order: 0, 4096 bytes)

[0.052272] CPU: Testing write buffer coherency: ok

[0.055157] Setting up static identity map for 0x80100000 - 0x80100058

[0.064522] devtmpfs: initialized

[0.119067] VFP support v0.3: implementor 41 architecture 3 part 30 variant c rev 3

[0.120429] clocksource: jiffies: mask: 0xffffffff max_cycles: 0xffffffff, max_idle_ns: 7645041785100000 ns

[0.123672] pinctrl core: initialized pinctrl subsystem

[0.132685] NET: Registered protocol family 16

[0.141552] DMA: preallocated 256 KiB pool for atomic coherent allocations

[0.226806] omap_hwmod: debugss: _wait_target_disable failed

[0.286539] cpuidle: using governor menu

[0.307476] OMAP GPIO hardware version 0.1

[0.342725] omap-gpmc 50000000.gpmc: could not find pctldev for node /ocp/l4_wkup@44c00000/scm@210000/pinmux@800/gpmc1_pins_default, deferring probe

[0.349665] hw-breakpoint: debug architecture 0x4 unsupported.

[0.413501] edma 49000000.edma: TI EDMA DMA engine driver

[0.421735] omap_i2c 44e0b000.i2c: could not find pctldev for node /ocp/l4_wkup@44c00000/scm@210000/pinmux@800/pinmux_i2c0_pins, deferring probe

[0.422291] pps_core: LinuxPPS API ver. 1 registered

[0.422311] pps_core: Software ver. 5.3.6 - Copyright 2005-2007 Rodolfo Giometti <giometti@linux.it>

[0.422399] PTP clock support registered

[0.429022] clocksource: Switched to clocksource timer1

[0.592912] VFS: Disk quotas dquot_6.6.0

[0.593210] VFS: Dquot-cache hash table entries: 1024 (order 0, 4096 bytes)

[0.644830] NET: Registered protocol family 2

[0.648228] TCP established hash table entries: 1024 (order: 0, 4096 bytes)

[0.648307] TCP bind hash table entries: 1024 (order: 3, 36864 bytes)

[0.648890] TCP: Hash tables configured (established 1024 bind 1024)

[0.649325] UDP hash table entries: 256 (order: 2, 20480 bytes)

[0.649649] UDP-Lite hash table entries: 256 (order: 2, 20480 bytes)

[0.651133] NET: Registered protocol family 1

[0.654042] RPC: Registered named UNIX socket transport module.

[0.654074] RPC: Registered udp transport module.

[0.654089] RPC: Registered tcp transport module.

[0.654103] RPC: Registered tcp NFSv4.1 backchannel transport module.

[2.156670] hw perfevents: enabled with armv7_cortex_a8 PMU driver, 5 counters available

[2.163918] futex hash table entries: 256 (order: 1, 11264 bytes)

[2.164290] audit: initializing netlink subsys (disabled)

[2.164666] audit: type=2000 audit(2.160:1): initialized

[2.169921] workingset: timestamp_bits=12 max_order=15 bucket_order=3

[2.174789] NFS: Registering the id_resolver key type

[2.175410] Key type id_resolver registered

[2.175434] Key type id_legacy registered

[2.175732] jffs2: version 2.2. (NAND) (SUMMARY) © 2001-2006 Red Hat, Inc.

[2.184656] io scheduler noop registered

[2.184702] io scheduler deadline registered

[2.184769] io scheduler cfq registered (default)

[2.186467] pinctrl-single 44e10800.pinmux: 142 pins at pa f9e10800 size 568

[2.189694] dta - GPIO-IRQ : GPIO NO: 63 Status 0, IRQ is 91

[2.189866] dta - GPIO-IRQ - gpio_request_irq: irq_num 91 status 0, registered

[2.189886] dta - GPIO-IRQ device is inserted sucessfully

[2.192604] Serial: 8250/16550 driver, 4 ports, IRQ sharing enabled

[2.202500] omap_uart 44e09000.serial: no wakeirq for uart0

[2.203251] 44e09000.serial: ttyO0 at MMIO 0x44e09000 (irq = 158, base_baud = 3000000) is a OMAP UART0

[2.852209] console [ttyO0] enabled

[2.858723] omap_uart 481aa000.serial: no wakeirq for uart5

[2.865249] 481aa000.serial: ttyO5 at MMIO 0x481aa000 (irq = 159, base_baud = 3000000) is a OMAP UART5

[2.894734] brd: module loaded

[2.929395] loop: module loaded

[2.935141] mtdoops: mtd device (mtddev=name/number) must be supplied

[2.950507] spidev_probe: spidev1.0

[2.958911] spidev_probe: spidev1.1

[2.967868] spidev_probe: spidev2.0

[2.974376] spidev_probe: spidev2.1

[2.981909] libphy: GPIO Bitbanged MDIO: probed

[3.041192] davinci_mdio 4a101000.mdio: davinci mdio revision 1.6

[3.047627] libphy: 4a101000.mdio: probed

[3.081302] davinci_mdio 4a101000.mdio: phy[1]: device 4a101000.mdio:01, driver unknown

[3.091587] cpsw 4a100000.ethernet: No slave[1] phy_id, phy-handle, or fixed-link property

[3.100340] cpsw 4a100000.ethernet: Detected MACID = e8:eb:11:ce:15:94

[3.114032] ----- BILL dta_mdio_init good dta_mdio

[3.123929] mousedev: PS/2 mouse device common for all mice

[3.129876] i2c /dev entries driver

[3.136068] pps pps0: new PPS source pps.-1

[3.140710] pps pps0: Registered IRQ 90 as PPS source

[3.148641] omap_hsmmc 48060000.mmc: Got CD GPIO

[3.186919] ledtrig-cpu: registered to indicate activity on CPUs

[3.195882] oprofile: using arm/armv7

[3.200081] drop_monitor: Initializing network drop monitor service

[3.207799] Initializing XFRM netlink socket

[3.212931] NET: Registered protocol family 10

[3.228056] mip6: Mobile IPv6

[3.231497] NET: Registered protocol family 17

[3.236319] NET: Registered protocol family 15

[3.241615] Key type dns_resolver registered

[3.246475] omap_voltage_late_init: Voltage driver support not added

[3.254910] ThumbEE CPU extension supported.

[3.259536] Registering SWP/SWPB emulation handler

[3.275423] omap-gpmc 50000000.gpmc: omap_device: omap_device_enable() called from invalid state 1

[3.284916] omap-gpmc 50000000.gpmc: use pm_runtime_put_sync_suspend() in driver?

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[ 3.292844] omap-gpmc 50000000.gpmc: GPMC revision 6.0
[ 3.299405] GPMC CS0: cs_on      : 0 ticks, 0 ns (was 0 ticks) 0 ns
[ 3.307334] GPMC CS0: cs_rd_off   : 5 ticks, 50 ns (was 30 ticks) 44 ns
[ 3.315198] GPMC CS0: cs_wr_off   : 5 ticks, 50 ns (was 30 ticks) 44 ns
[ 3.323058] GPMC CS0: adv_on      : 1 ticks, 10 ns (was 0 ticks) 6 ns
[ 3.330918] GPMC CS0: adv_rd_off  : 4 ticks, 40 ns (was 30 ticks) 34 ns
[ 3.338773] GPMC CS0: adv_wr_off  : 5 ticks, 50 ns (was 30 ticks) 44 ns
[ 3.346629] GPMC CS0: adv_aad_mux_on : 0 ticks, 0 ns (was 0 ticks) 0 ns
[ 3.354482] GPMC CS0: adv_aad_mux_rd_off: 0 ticks, 0 ns (was 0 ticks) 0 ns
[ 3.362426] GPMC CS0: adv_aad_mux_wr_off: 0 ticks, 0 ns (was 0 ticks) 0 ns
[ 3.370370] GPMC CS0: oe_on      : 0 ticks, 0 ns (was 7 ticks) 0 ns
[ 3.378227] GPMC CS0: oe_off     : 6 ticks, 60 ns (was 24 ticks) 54 ns
[ 3.386078] GPMC CS0: oe_aad_mux_on : 0 ticks, 0 ns (was 0 ticks) 0 ns
[ 3.393930] GPMC CS0: oe_aad_mux_off : 0 ticks, 0 ns (was 0 ticks) 0 ns
[ 3.401782] GPMC CS0: we_on      : 0 ticks, 0 ns (was 5 ticks) 0 ns
[ 3.409637] GPMC CS0: we_off     : 4 ticks, 40 ns (was 22 ticks) 40 ns
[ 3.417494] GPMC CS0: rd_cycle   : 9 ticks, 90 ns (was 30 ticks) 82 ns
[ 3.425352] GPMC CS0: wr_cycle   : 9 ticks, 90 ns (was 30 ticks) 82 ns
[ 3.433210] GPMC CS0: access     : 7 ticks, 70 ns (was 21 ticks) 64 ns

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[3.441063] GPMC CS0: page_burst_access: 0 ticks, 0 ns (was 0 ticks) 0 ns
[3.448916] GPMC CS0: bus_turnaround : 0 ticks, 0 ns (was 0 ticks) 0 ns
[3.456770] GPMC CS0: cycle2cycle_delay: 0 ticks, 0 ns (was 15 ticks) 0 ns
[3.464625] GPMC CS0: wr_data_mux_bus : 0 ticks, 0 ns (was 0 ticks) 0 ns
[3.472480] GPMC CS0: wr_access : 4 ticks, 40 ns (was 22 ticks) 40 ns
[3.480334] GPMC CS0: wait_monitoring : 0 ticks, 0 ns (was 0 ticks) 0 ns
[3.488188] GPMC CS0: clk_activation : 0 ticks, 0 ns (was 0 ticks) 0 ns
[3.496038] GPMC CS0 CLK period is 10 ns (div 1)
[3.500891] gpmc cs0 after gpmc_cs_set_timings:
[3.505652] cs0 GPMC_CS_CONFIG1: 0x00000800
[3.510049] cs0 GPMC_CS_CONFIG2: 0x00050500
[3.514447] cs0 GPMC_CS_CONFIG3: 0x00050401
[3.518843] cs0 GPMC_CS_CONFIG4: 0x04000600
[3.523251] cs0 GPMC_CS_CONFIG5: 0x00070909
[3.527649] cs0 GPMC_CS_CONFIG6: 0x04000000
[3.532044] cs0 GPMC_CS_CONFIG7: 0x00000f48
[3.536439] gpmc cs0 access configuration:
[3.540746] gpmc,mux-add-data = <0>
[3.544419] gpmc,device-width = <0>

[3.548089] gpmc,wait-pin = <0>
[3.551397] gpmc,burst-length = <4>
[3.555074] gpmc cs0 timings configuration:
[3.559480] gpmc,cs-on-ns = <0> /* 0 ns - 0 ns; 0 ticks */
[3.565251] gpmc,cs-rd-off-ns = <50> /* 41 ns - 50 ns; 5 ticks */
[3.571656] gpmc,cs-wr-off-ns = <50> /* 41 ns - 50 ns; 5 ticks */
[3.578063] gpmc,adv-on-ns = <10> /* 1 ns - 10 ns; 1 ticks */
[3.584106] gpmc,adv-rd-off-ns = <40> /* 31 ns - 40 ns; 4 ticks */
[3.590601] gpmc,adv-wr-off-ns = <50> /* 41 ns - 50 ns; 5 ticks */
[3.597093] gpmc,adv-aad-mux-on-ns = <0> /* 0 ns - 0 ns; 0 ticks */
[3.603675] gpmc,adv-aad-mux-rd-off-ns = <0> /* 0 ns - 0 ns; 0 ticks */
[3.610621] gpmc,adv-aad-mux-wr-off-ns = <0> /* 0 ns - 0 ns; 0 ticks */
[3.617567] gpmc,oe-on-ns = <0> /* 0 ns - 0 ns; 0 ticks */
[3.623338] gpmc,oe-off-ns = <60> /* 51 ns - 60 ns; 6 ticks */
[3.629468] gpmc,oe-aad-mux-on-ns = <0> /* 0 ns - 0 ns; 0 ticks */
[3.635959] gpmc,oe-aad-mux-off-ns = <0> /* 0 ns - 0 ns; 0 ticks */
[3.642542] gpmc,we-on-ns = <0> /* 0 ns - 0 ns; 0 ticks */
[3.648312] gpmc,we-off-ns = <40> /* 31 ns - 40 ns; 4 ticks */
[3.654446] gpmc,rd-cycle-ns = <90> /* 81 ns - 90 ns; 9 ticks */

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[ 3.660759] gpmc,wr-cycle-ns = <90> /* 81 ns - 90 ns; 9 ticks */
[ 3.667074] gpmc,access-ns = <70> /* 61 ns - 70 ns; 7 ticks */
[ 3.673204] gpmc,page-burst-access-ns = <0> /* 0 ns - 0 ns; 0 ticks */
[ 3.680058] gpmc,bus-turnaround-ns = <0> /* 0 ns - 0 ns; 0 ticks */
[ 3.686641] gpmc,cycle2cycle-delay-ns = <0> /* 0 ns - 0 ns; 0 ticks */
[ 3.693497] gpmc,wait-monitoring-ns = <0> /* 0 ns - 0 ns; 0 ticks */
[ 3.700170] gpmc,clk-activation-ns = <0> /* 0 ns - 0 ns; 0 ticks */
[ 3.706754] gpmc,wr-data-mux-bus-ns = <0> /* 0 ns - 0 ns; 0 ticks */
[ 3.713432] gpmc,wr-access-ns = <40> /* 31 ns - 40 ns; 4 ticks */
[ 3.721724] nand: unsupported ONFI version: 0
[ 3.726397] nand: device found, Manufacturer ID: 0x2c, Chip ID: 0xd1
[ 3.733067] nand: Micron NAND 128MiB 3,3V 8-bit
[ 3.737832] nand: 128 MiB, SLC, erase size: 128 KiB, page size: 2048, OOB size: 64
[ 3.745859] nand: using OMAP_ECC_BCH8_CODE_HW ECC scheme
[ 3.751930] 13 ofpart partitions found on MTD device omap2-nand.0
[ 3.758340] Creating 13 MTD partitions on "omap2-nand.0":
[ 3.764026] 0x000000000000-0x000000020000 : "NAND.SPL"
[ 3.782249] 0x000000020000-0x000000040000 : "NAND.SPL.backup1"
[ 3.795008] 0x000000040000-0x000000060000 : "NAND.SPL.backup2"

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[3.807833] 0x000000060000-0x000000080000 : "NAND.SPL.backup3"
[3.821379] 0x000000080000-0x0000000c0000 : "NAND.u-boot-spl-os"
[3.834360] 0x0000000c0000-0x0000001c0000 : "NAND.u-boot"
[3.847034] 0x0000001c0000-0x0000001e0000 : "NAND.u-boot-env"
[3.859373] 0x0000001e0000-0x000000200000 : "NAND.u-boot-env2"
[3.871816] 0x000000200000-0x0000001600000 : "NAND.kernel"
[3.901616] 0x0000001600000-0x0000003600000 : "NAND.file-system"
[3.941941] 0x0000003600000-0x0000005600000 : "NAND.file-system2"
[3.982337] 0x0000005600000-0x0000007600000 : "NAND.file-system3"
[4.022586] 0x0000007600000-0x0000008000000 : "NAND.log"
[4.066779] tps65910 0-002d: No interrupt support, no core IRQ
[4.129801] omap_i2c 44e0b000.i2c: bus 0 rev0.11 at 400 kHz
[4.138122] ubi0: attaching mtd9
[4.348535] ubi0: scanning is finished
[4.374355] ubi0: attached mtd9 (name "NAND.file-system", size 32 MiB)
[4.381270] ubi0: PEB size: 131072 bytes (128 KiB), LEB size: 129024 bytes
[4.388488] ubi0: min./max. I/O unit sizes: 2048/2048, sub-page size 512
[4.395518] ubi0: VID header offset: 512 (aligned 512), data offset: 2048
[4.402637] ubi0: good PEBs: 256, bad PEBs: 0, corrupted PEBs: 0

[4.408938] ubi0: user volume: 1, internal volumes: 1, max. volumes count: 128

[4.416514] ubi0: max/mean erase counter: 2/1, WL threshold: 4096, image sequence number: 1367179375

[4.426082] ubi0: available PEBs: 0, total reserved PEBs: 256, PEBs reserved for bad PEB handling: 20

[4.436269] ubi0: background thread "ubi_bgt0d" started, PID 65

[4.442655] ubi1: attaching mtd10

[4.652589] ubi1: scanning is finished

[4.676398] ubi1: attached mtd10 (name "NAND.file-system2", size 32 MiB)

[4.683502] ubi1: PEB size: 131072 bytes (128 KiB), LEB size: 129024 bytes

[4.690721] ubi1: min./max. I/O unit sizes: 2048/2048, sub-page size 512

[4.697750] ubi1: VID header offset: 512 (aligned 512), data offset: 2048

[4.704870] ubi1: good PEBs: 256, bad PEBs: 0, corrupted PEBs: 0

[4.711172] ubi1: user volume: 1, internal volumes: 1, max. volumes count: 128

[4.718745] ubi1: max/mean erase counter: 2/1, WL threshold: 4096, image sequence number: 591398591

[4.728220] ubi1: available PEBs: 0, total reserved PEBs: 256, PEBs reserved for bad PEB handling: 20

[4.737939] ubi1: background thread "ubi_bgt1d" started, PID 66

[4.744268] ubi2: attaching mtd11

[4.954856] ubi2: scanning is finished

[4.979479] ubi2: attached mtd11 (name "NAND.file-system3", size 32 MiB)

[4.986580] ubi2: PEB size: 131072 bytes (128 KiB), LEB size: 129024 bytes

[4.993798] ubi2: min./max. I/O unit sizes: 2048/2048, sub-page size 512

[5.000827] ubi2: VID header offset: 512 (aligned 512), data offset: 2048

[5.007950] ubi2: good PEBs: 256, bad PEBs: 0, corrupted PEBs: 0

[5.014253] ubi2: user volume: 1, internal volumes: 1, max. volumes count: 128

[5.021828] ubi2: max/mean erase counter: 2/1, WL threshold: 4096, image sequence number: 1675634800

[5.031394] ubi2: available PEBs: 0, total reserved PEBs: 256, PEBs reserved for bad PEB handling: 20

[5.041137] hctosys: unable to open rtc device (rtc0)

[5.074066] vmmcsd_fixed: disabling

[5.078540] ubi2: background thread "ubi_bgt2d" started, PID 67

[5.085121] vrtc: disabling

[5.134282] Freeing unused kernel memory: 11264K (c0a00000 - c1500000)

[5.244286] devpts: called with bogus options