

0.000000] [0] Booting Linux on physical CPU 0x0
0.000000] [0] Linux version 4.9.38-tag- (jenkins@nomd-nomd-fw-bj) (gcc version 6.3.1 20170404 (Linaro GCC 6.3-2017.05)) #1 SMP PREEMPT Fri Nov 17 10:08:07 CST 2023
0.000000] [0] Boot CPU: AArch64 Processor [41fd034]
0.000000] [0] earlycon: uart0 at MMIO32 0x000000004140000 (options '')
0.000000] [0] bootconsole [uart0] enabled
0.000000] [0] efi: Getting EFI parameters from FDT:
0.000000] [0] efi: UEFI not found.
0.000000] [0] OF: reserved mem: allocated memory for 'ion' node: base 0x000000010df0f000, size 16 MiB
0.000000] [0] Ion: Ion memory setup at 0x000000010df0f000 size 16 MiB
0.000000] [0] OF: reserved mem: initialized node ion, compatible id ion-region
0.000000] [0] OF: reserved mem: allocated memory for 'vip' node: base 0x000000010fa00000, size 4 MiB
0.000000] [0] OF: reserved mem: allocated memory for 'vcodect' node: base 0x000000010f800000, size 2 MiB
0.000000] [0] OF: reserved mem: allocated memory for 'jpu' node: base 0x000000010f700000, size 1 MiB
0.000000] [0] OF: reserved mem: allocated memory for 'linux,cma' node: base 0x000000010f000000, size 6 MiB
0.000000] [0] Reserved memory: created CMA memory pool at 0x000000010f000000, size 6 MiB
0.000000] [0] OF: reserved mem: initialized node linux,cma, compatible id shared-dma-pool
0.000000] [0] On node 0 totalpages: 63744
0.000000] [0] DMA zone: 1024 pages used for memmap
0.000000] [0] DMA zone: 0 pages reserved
0.000000] [0] DMA zone: 63744 pages, LIFO batch:15
0.000000] [0] psci: probing for conduit method from DT.
0.000000] [0] psci: PSCIv1.0 detected in firmware.
0.000000] [0] psci: Using standard PSCI v0.2 function IDs
0.000000] [0] psci: Trusted OS migration not required
0.000000] [0] percpu: Embedded 22 pages/cpu @fffffc00f6ad000 s52008 r8192 d29912 u90112
0.000000] [0] pcpu-alloc: s52008 r8192 d29912 u90112 alloc=22*4096
0.000000] [0] pcpu-alloc: [0] 0 [0] 1
0.000000] [0] Detected VIPT I-cache on CPU0
0.000000] [0] CPU features: enabling workaround for ARM erratum 845719
0.000000] [0] Built 1 zonelists in Zone order, mobility grouping on. Total pages: 62720
0.000000] [0] Kernel command line: console=ttyS0,115200 earlycon loglevel=8 initrd=0x103080000,32M rdinit=/init STORAGE=EMMC
0.000000] [0] PID hash table entries: 1024 (order: 1, 8192 bytes)
0.000000] [0] Dentry cache hash table entries: 32768 (order: 6, 262144 bytes)
0.000000] [0] Inode-cache hash table entries: 16384 (order: 5, 131072 bytes)
0.000000] [0] Memory: 168956K/254976K available (6908K kernel code, 868K rwdata, 1960K rodata, 768K init, 485K bss, 79876K reserved, 6144K cma-reserved)
0.000000] [0] Virtual kernel memory layout:
0.000000] [0] modules : 0xffffffff800000000 - 0xffffffff800000000 (128 MB)
0.000000] [0] vmalloc : 0xffffffff800800000 - 0xffffffffbeffff0000 (250 GB)
0.000000] [0] .text : 0xffffffff8008080000 - 0xffffffff8008740000 (6912 KB)
0.000000] [0] .rodata : 0xffffffff8008740000 - 0xffffffff8008930000 (1984 KB)
0.000000] [0] .init : 0xffffffff8008930000 - 0xffffffff80089f0000 (768 KB)
0.000000] [0] .data : 0xffffffff80089f0000 - 0xffffffff8008ac9200 (869 KB)
0.000000] [0] .bss : 0xffffffff8008ac9200 - 0xffffffff8008b426d8 (486 KB)
0.000000] [0] fixed : 0xffffffffbefe7fd000 - 0xffffffffbefece0000 (4108 KB)
0.000000] [0] PCI I/O : 0xffffffffbefece0000 - 0xffffffffbefece0000 (16 MB)
0.000000] [0] vmemmap : 0xffffffffbf00000000 - 0xffffffffc000000000 (4 GB maximum)
0.000000] [0] 0xffffffffbf00000000 - 0xfffffffff00400000 (4 MB actual)
0.000000] [0] memory : 0xffffffffc00000000 - 0xffffffffc010000000 (256 MB)
0.000000] [0] SLUB: HWalign=64, Order=0-3, MinObjects=0, CPUs=2, Nodes=1
0.000000] [0] Preemptible hierarchical RCU implementation.
0.000000] [0] Build-time adjustment of leaf fanout to 64.
0.000000] [0] RCU restricting CPUs from NR_CPUS=64 to nr_cpu_ids=2.
0.000000] [0] RCU: Adjusting geometry for rcu_fanout_leaf=64, nr_cpu_ids=2
0.000000] [0] NR_IRQS:64 nr_irqs:64 0
0.000000] [0] GIC: Using split EOI/Deactivate mode
0.000000] [0] arm_arch_timer: Architected cp15 timer(s) running at 25.00MHz (phys).
0.000000] [0] clocksource: arch_sys_counter: mask: 0xffffffffffffff max_cycles: 0x5c40939b5, max_idle_ns: 440795202646 ns
0.000004] [0] sched_clock: 56 bits at 25MHz, resolution 40ns, wraps every 439804651100ns
0.008844] [0] Console: colour dummy device 80x25
0.013816] [0] Calibrating delay loop (skipped), value calculated using timer frequency.. 50.00 BogoMIPS (lpj=100000)
0.024878] [0] pid_max: default: 32768 minimum: 301
0.030115] [0] Mount-cache hash table entries: 512 (order: 0, 4096 bytes)
0.037223] [0] Mountpoint-cache hash table entries: 512 (order: 0, 4096 bytes)
0.045374] [0] ftrace: allocating 23539 entries in 92 pages
0.094169] [0] ASIO allocator initialised with 65536 entries
0.133340] [0] EFI services will not be available.
0.166631] [1] Detected VIPT I-cache on CPU1
0.166684] [1] CPU1: Booted secondary processor [410fd034]
0.166774] [0] Brought up 2 CPUs
0.180468] [0] SMP: Total of 2 processors activated.
0.185695] [0] CPU features: detected feature: 32-bit EL0 Support
0.192089] [0] CPU: All CPU(s) started at EL2
0.196702] [0] alternatives: patching kernel code
0.202253] [0] devtmpfs: initialized
0.212637] [0] DMI not present or invalid.
0.217283] [0] clocksource: jiffies: mask: 0xffffffff max_cycles: 0xffffffff, max_idle_ns: 7645041785100000 ns
0.227721] [0] futex hash table entries: 512 (order: 4, 65536 bytes)
0.234716] [0] pinctrl core: initialized pinctrl subsystem
0.241025] [0] NET: Registered protocol family 16
0.247055] [0] vdso: 2 pages (1 code @ fffffff8008747000, 1 data @ fffffff8008089f4000)
0.255880] [0] hw-breakpoint: found 6 breakpoint and 4 watchpoint registers.
0.263810] [0] DMA: preallocated 4096 KiB pool for atomic allocations
0.271183] [0] clk reset: nr_reset=64 resource_size=8
0.289233] [0] persistent_ram: uncorrectable error in header
0.295275] [0] persistent_ram: uncorrectable error in header
0.301318] [0] persistent_ram: uncorrectable error in header
0.307278] [0] pstore: using zlib compression
0.319793] [0] console [pstore-1] enabled
0.324327] [0] pstore: Registered ramoops as persistent store backend
0.331194] [0] ramoops: attached 0xf0000@0xe000000, ecc: 16/0
0.335470] [0] dw_dmac 4330000.dma: CVITEK DMA Controller, 8 channels, probe done!
0.364094] [0] SCSI subsystem initialized
0.368676] [0] usbcore: registered new interface driver usbfs
0.374884] [0] usbcore: registered new interface driver hub
0.380881] [0] usbcore: registered new device driver usb
0.388616] [0] pps_core: LinuxPPS API ver. 1 registered
0.394238] [0] pps_core: Software ver. 5.3.6 - Copyright 2005-2007 Rodolfo Giometti <giometti@linux.it>
0.404165] [0] PTP clock support registered
0.408774] [0] dmi: Firmware registration failed.
0.414182] [0] Ion: ion_parse_dt_heap_common: id 0 type 2 name carveout align 1000
0.422425] [0] Ion: rmem_ion_device_init: heap carveout base 0x000000010df0f000 size 0x0000000001000000 dev fffffffc00c964810
0.434215] [0] platform carveout: assigned reserved memory node ion
0.444591] [0] platform carveout: [ion] add heap id 0, type 2, base 0x10df0f000, size 0x1000000
0.454041] [0] tee_cv_init_clk
0.457440] [0] Advanced Linux Sound Architecture Driver Initialized.
0.465185] [0] clocksource: Switched to clocksource arch_sys_counter
0.550275] [0] NET: Registered protocol family 2
0.555853] [0] TCP established hash table entries: 2048 (order: 2, 16384 bytes)
0.563606] [0] TCP bind hash table entries: 2048 (order: 4, 65536 bytes)
0.570793] [0] TCP: Hash tables configured (established 2048 bind 2048)
0.577881] [0] UDP hash table entries: 256 (order: 2, 24576 bytes)
0.584449] [0] UDP-Lite hash table entries: 256 (order: 2, 24576 bytes)
0.591690] [0] NET: Registered protocol family 1
0.597073] [0] RPC: Registered named UNIX socket transport module.
0.603685] [0] RPC: Registered udp transport module.
0.608968] [0] RPC: Registered tcp transport module.
0.614301] [0] RPC: Registered tcp NFSv4.1 backchannel transport module.
0.621644] [0] Unpacking initramfs...
1.347435] [0] Freeing initrd memory: 32768K (ffffffc003080000 - fffffffc005080000)
1.355838] [0] hw perfevents: enabled with armv8_cortex_a53 PMU driver, 7 counters available
1.367152] [0] workingset: timestamp_bits=62 max_order=16 bucket_order=0
1.387193] [0] squashfs: version 4.0 (2009/01/31) Phillip Lougher
1.395023] [0] jffs2: version 2.2. (NAND) (SUMMARY) @ 2001-2006 Red Hat, Inc.
1.404007] [0] cryptomgr_test (33) used greatest stack depth: 14800 bytes left
1.414333] [0] Block layer SCSI generic (bsg) driver version 0.4 loaded (major 247)
1.422510] [0] io scheduler noop registered
1.426993] [0] io scheduler deadline registered
1.431886] [0] io scheduler cfq registered (default)
1.438629] [0] cvitek,pinctrl-cv1835 3001000.pinctrl: initialized cvitek pin control driver
1.528261] [0] Serial: 8250/16550 driver, 5 ports, IRQ sharing disabled
1.538270] [0] console [ttyS0] disabled
1.542498] [0] 4140000.serial: ttyS0 at MMIO 0x4140000 (irq = 19, base_baud = 1562500) is a 16550A
1.552027] [0] console [ttyS0] enabled
1.560035] [0] bootconsole [uart0] disabled
1.570450] [0] 4150000.serial: ttyS1 at MMIO 0x4150000 (irq = 20, base_baud = 1250000) is a 16550A
1.581441] [0] 4160000.serial: ttyS2 at MMIO 0x4160000 (irq = 21, base_baud = 1250000) is a 16550A
1.592463] [0] 4170000.serial: ttyS3 at MMIO 0x4170000 (irq = 22, base_baud = 1250000) is a 16550A
1.603493] [0] 41c0000.serial: ttyS4 at MMIO 0x41c0000 (irq = 23, base_baud = 1250000) is a 16550A
1.621991] [0] loop: module loaded
1.626970] [0] libphy: Fixed MDIO Bus: probed
1.634258] [0] Hash table entries set to unexpected value 0
1.640218] [0] bm-dwmac 4510000.ethernet: no reset control found
1.646844] [0] stmmac - user ID: 0x0, Synopsys ID: 0x50
1.652415] [0] bm-dwmac 4510000.ethernet: DMA HW capability register supported
1.660087] [0] bm-dwmac 4510000.ethernet: RX Checksum Offload Engine supported
1.667708] [0] bm-dwmac 4510000.ethernet: TX Checksum insertion supported
1.674929] [0] bm-dwmac 4510000.ethernet: TSO supported
1.680487] [0] bm-dwmac 4510000.ethernet: TSO feature enabled
1.686634] [0] bm-dwmac 4510000.ethernet: Enable RX Mitigation via HW Watchdog Timer
1.699409] [0] modprobe (65) used greatest stack depth: 13376 bytes left
1.919086] [0] libphy: stmmac: probed
1.923166] [0] CVITEK CVI18XX stmmac-0:00: attached PHY driver [CVITEK CVI18XX] (mii_bus:phy_addr=stmmac-0:00, irq=-1)
1.934589] [0] CVITEK CVI18XX stmmac-0:01: attached PHY driver [CVITEK CVI18XX] (mii_bus:phy_addr=stmmac-0:01, irq=-1)
1.947824] [0] mousedev: PS/2 mouse device common for all mice
1.954350] [0] i2c /dev entries driver
1.959895] [0] sdhci: Secure Digital Host Controller Interface driver
1.966824] [0] sdhci: Copyright(c) Pierre Ossman
1.971764] [0] sdhci-pltfm: SDHCI platform and OF driver helper
1.978297] [0] cvi:sdhci_cvi_probe
1.983146] [0] mmc0: Host Controller version 3
2.033215] [0] mmc0: SDHCI controller on 4300000.cv-emmc [4300000.cv-emmc] using ADMA 64-bit
2.045274] [0] cvi:sdhci_cvi_probe
2.052345] [0] mmc1: Host Controller version 3
2.101214] [0] mmc1: SDHCI controller on 4310000.cv-sd [4310000.cv-sd] using ADMA 64-bit
2.142879] [0] usbcore: registered new interface driver usbhid
2.149115] [0] usbhid: USB HID core driver
2.153884] [0] optee: probing for conduit method from DT.
2.160183] [1] optee: initialized driver
2.164519] [1] Netfilter messages via NETLINK v0.30.
2.164601] [0] random: fast init done
2.174059] [1] nf_conntrack version 0.5.0 (2048 buckets, 8192 max)
2.180802] [1] nf_tables: (c) 2007-2009 Patrick McHardy <kaber@trash.net>
2.187994] [1] nf_tables_compat: (c) 2012 Pablo Neira Ayuso <pablo@netfilter.org>
2.196154] [1] ip_tables: (C) 2000-2006 Netfilter Core Team
2.202951] [1] NET: Registered protocol family 10
2.213269] [1] ip6_tables: (C) 2000-2006 Netfilter Core Team
2.219550] [1] sit: IPv6, IPv4 and MPLS over IPv4 tunneling driver
2.226901] [1] NET: Registered protocol family 17
2.231988] [1] 8021q: 802.1Q VLAN Support v1.8
2.237690] [1] registered taskstats version 1
2.258087] [1] Key type encrypted registered
2.275918] [1] hctosys: unable to open rtc device (rtc0)
2.281959] [1] ALSA device list:
2.285481] [1] No soundcards found.
2.290010] [1] Freeing unused kernel memory: 768K (ffffffc000930000 - fffffffc0009f0000)
2.381970] [0] mmc0: new HS200 MMC card at address 0001
2.390776] [0] mmcblk0: mmc0:0001 SPeMMC 3.64 GiB
2.403468] [0] mmcblk0boot0: mmc0:0001 SPeMMC partition 1 4.00 MiB
2.412318] [0] mmcblk0boot1: mmc0:0001 SPeMMC partition 2 4.00 MiB
2.420236] [0] mmcblk0rmpb: mmc0:0001 SPeMMC partition 3 4.00 MiB
2.433031] [0] Alternate GPT is invalid, using primary GPT.
2.439041] [0] mmcblk0: p1 p2 p3 p4 p5 p6 p7
5.886001] [1] e2fsck (181) used greatest stack depth: 12848 bytes left
6.310397] [0] EXT4-fs (mmcblk0p5): mounted filesystem without journal. Opts: (null)
6.319528] [0] mount (188) used greatest stack depth: 12736 bytes left
6.335815] [1] EXT4-fs (mmcblk0p6): mounted filesystem without journal. Opts: (null)
6.344509] [0] mount (191) used greatest stack depth: 12672 bytes left
6.358606] [0] EXT4-fs (mmcblk0p7): mounted filesystem without journal. Opts: (null)
6.432967] [1] cv183x_pwm: bad vermagic: kernel tainted.
6.438937] [1] Disabling lock debugging due to kernel taint
6.444919] [1] cv183x_pwm: loading out-of-tree module taints kernel.
6.462582] [1] CVITEK CHIP ID = 2
6.702270] [1] do_smccc_smc: a=0x30000006 0x0 0x1000
6.707837] [1] do_smccc_smc: r=0x100 0x0
6.716898] [1] bm-dwmac 4510000.ethernet eth0: device MAC address f2:68:f0:31:01:ce
6.797671] [1] CVITEK CVI18XX stmmac-0:00: attached PHY driver [CVITEK CVI18XX] (mii_bus:phy_addr=stmmac-0:00, irq=-1)
6.820843] [1] dwmac4: Master AXI performs any burst length
6.826865] [1] bm-dwmac 4510000.ethernet eth0: IEEE 1588-2008 Advanced Timestamp supported
6.836064] [1] bm-dwmac 4510000.ethernet eth0: registered PTP clock
6.843025] [1] IPv6: ADDRCONF(NETDEV_UP): eth0: link is not ready
6.851044] [1] Enable CVITEK ethernet phy ultra auto power saving mode
6.993695] [1] CVITEK CVI18XX stmmac-0:00: attached PHY driver [CVITEK CVI18XX] (mii_bus:phy_addr=stmmac-0:00, irq=-1)
7.016936] [1] dwmac4: Master AXI performs any burst length
7.022956] [1] bm-dwmac 4510000.ethernet eth0: IEEE 1588-2008 Advanced Timestamp supported
7.032158] [1] bm-dwmac 4510000.ethernet eth0: registered PTP clock
7.039082] [1] IPv6: ADDRCONF(NETDEV_UP): eth0: link is not ready
7.047007] [1] Enable CVITEK ethernet phy ultra auto power saving mode
10.121800] [1] bm-dwmac 4510000.ethernet eth0: Link is Up - 100Mbps/Full - flow control rx/tx
10.130865] [1] IPv6: ADDRCONF(NETDEV_CHANGE): eth0: link becomes ready
17.316250] [0] random: crng init done
28.124178] [0] cgminer-api (898) used greatest stack depth: 12096 bytes left
80.926200] [1] cgminer-api (2349) used greatest stack depth: 12064 bytes left

=====Miner log=====
time="2024-03-22 21:05:07" level=error pid=1252 msg="unknown protocol -- 'stratum+ssl://kheavyhash.auto.nicehash.com:443'"
time="2024-03-22 21:05:07" level=error pid=1252 msg="invalid URL -- ''"
time="2024-03-22 21:05:07" level=notice pid=1252 msg="opt_algo 11, kas_2380"
time="2024-03-22 21:05:07" level=notice pid=1252 msg="Miner compile time: Fri Nov 17 09:46:18 CST 2023 type: Antminer K53"
time="2024-03-22 21:05:07" level=notice pid=1252 msg="Start api function"
time="2024-03-22 21:05:07" level=notice pid=1252 msg="check_machine_info"
time="2024-03-22 21:05:07" level=warn pid=1252 msg="port 427 already exported"
time="2024-03-22 21:05:07" level=warn pid=1252 msg="port 429 already exported"
time="2024-03-22 21:05:07" level=warn pid=1252 msg="port 431 already exported"
time="2024-03-22 21:05:07" level=warn pid=1252 msg="port 433 already exported"
time="2024-03-22 21:05:07" level=warn pid=1252 msg="no board plugged in socket 432"
time="2024-03-22 21:05:07" level=warn pid=1252 msg="port 426 already exported"
time="2024-03-22 21:05:07" level=warn pid=1252 msg="port 428 already exported"
time="2024-03-22 21:05:07" level=warn pid=1252 msg="port 430 already exported"
time="2024-03-22 21:05:07" level=warn pid=1252 msg="port 432 already exported"
time="2024-03-22 21:05:07" level=notice pid=1252 msg="chain_offset 0, chain 0"
time="2024-03-22 21:05:07" level=notice pid=1252 msg="chain_offset 1, chain 1"
time="2024-03-22 21:05:07" level=notice pid=1252 msg="chain_offset 2, chain 2"
time="2024-03-22 21:05:07" level=notice pid=1252 msg="reset fpga"
time="2024-03-22 21:05:07" level=notice pid=1252 msg="Begin check_fan_valiad"
time="2024-03-22 21:05:12" level=notice pid=1252 msg="check_fan_speed ok, fan_num = 4"
time="2024-03-22 21:05:12" level=notice pid=1252 msg="eeprom add device: 0"
time="2024-03-22 21:05:12" level=notice pid=1252 msg="eeprom add device: 2"
time="2024-03-22 21:05:16" level=error pid=1252 msg="EEPROM eeprom_key_version or eeprom_encryption_algorithm error! eeprom_key_version:7, eeprom_encryption_algorithm:9"
time="2024-03-22 21:05:16" level=error pid=1252 msg="Data decode fail for chain 0."
time="2024-03-22 21:05:21" level=error pid=1252 msg="EEPROM eeprom_key_version or eeprom_encryption_algorithm error! eeprom_key_version:7, eeprom_encryption_algorithm:9"
time="2024-03-22 21:05:25" level=error pid=1252 msg="Data decode fail for chain 0."
time="2024-03-22 21:05:25" level=error pid=1252 msg="Data decode fail for chain 0."
time="2024-03-22 21:05:26" level=error pid=1252 msg="Data decode fail for chain 0."
time="2024-03-22 21:05:30" level=error pid=1252 msg="EEPROM eeprom_key_version or eeprom_encryption_algorithm error! eeprom_key_version:7, eeprom_encryption_algorithm:9"
time="2024-03-22 21:05:35" level=error pid=1252 msg="EEPROM eeprom_key_version or eeprom_encryption_algorithm error! eeprom_key_version:7, eeprom_encryption_algorithm:9"
time="2024-03-22 21:05:35" level=error pid=1252 msg="Data decode fail for chain 1."
time="2024-03-22 21:05:39" level=error pid=1252 msg="EEPROM eeprom_key_version or eeprom_encryption_algorithm error! eeprom_key_version:7, eeprom_encryption_algorithm:9"
time="2024-03-22 21:05:39" level=error pid=1252 msg="Data decode fail for chain 1."
time="2024-03-22 21:05:40" level=error pid=1252 msg="Data load fail for chain 1."
time="2024-03-22 21:05:44" level=error pid=1252 msg="EEPROM eeprom_key_version or eeprom_encryption_algorithm error! eeprom_key_version:7, eeprom_encryption_algorithm:9"
time="2024-03-22 21:05:44" level=error pid=1252 msg="Data decode fail for chain 2."
time="2024-03-22 21:05:48" level=error pid=1252 msg="EEPROM eeprom_key_version or eeprom_encryption_algorithm error! eeprom_key_version:7, eeprom_encryption_algorithm:9"
time="2024-03-22 21:05:48" level=error pid=1252 msg="Data decode fail for chain 2."
time="2024-03-22 21:05:53" level=error pid=1252 msg="EEPROM eeprom_key_version or eeprom_encryption_algorithm error! eeprom_key_version:7, eeprom_encryption_algorithm:9"
time="2024-03-22 21:05:53" level=error pid=1252 msg="Data decode fail for chain 2."
time="2024-03-22 21:05:53" level=error pid=1252 msg="EEPROM load error!, pls check it"
time="2024-03-22 21:05:53" level=error pid=1252 msg="Sweep error string = J255:4."