

NetLogic XLP Stage 1 Loader (X-Loader) [Big-Endian] (Jan 3 2013 - 15:04:58)

PRID: 000C1104

POWER ON RESET CFG:42991FA4

MBist Pass

Nodes online: 1

Initialized I2C0 Controller.

Initialized I2C1 Controller.

DDR SPD: Node 0 Channel 0 Mem size = 2048 MB

DDR SPD: Node 0 DRAM frequency 666 MHz

DDR SPD: Node 0 CPU frequency 1200 MHz

RTT Norm:44

NBU0 DRAM BAR0 base: 00000000 limit: 0013f000 xlate: 00000001 node: 00000000 (0 MB -> 320 MB, size: 320 MB)

NBU0 DRAM BAR1 base: 001d0000 limit: 0088f000 xlate: 00090001 node: 00000000 (464 MB -> 2192 MB, size: 1728 MB)

Hit any key to stop autoboot: 0

Starting application at 0x8C100000 ...

U-Boot 2010.03-rc1 (Sep 04 2013 - 18:13:27)

DRAM: 2 GB

Initialized CPLD on CS3

Initializing I2C0: speed = 48 KHz -- done.

Initializing I2C1: speed = 48 KHz -- done.

Now running in RAM - U-Boot [N64 ABI, Big-Endian] at: ffffffff8c100000

Flash: 256 MB

PCIE (B0:D01:F0) : Link up.

PCIE (B0:D01:F1) : No Link.

In: serial

Out: serial

Err: serial

OOB MAC addr = f8:b1:56:7c:69:62

XLP3XX FMN configuration

POE ext msg storage:

POE Free Buffer Pool config ...

Net: Successfully zapped free in fifo!

Configuring ucore...

Loading ucores (mask = 0x00ff)

Configuring NAE...

NAE Frequency set to 249MHz (2X frequency 499MHz)

num-ports = 1, start-port-id = 0

Scanning MDIO external BUS0----

Found port with 0th bus and phy_addr =0x1 phy-idfer=0x3625d12

Total PHYs found = 1

xlp_nae_config_lane_gmac with cplx_mask=0x1 and config=0x1111

Net: Completed PCS Configuration

fdt missing num-lanes, default 4

nlm_hal_ilk_pcs_init ilk_cplx_mask 0x0

parse_fdt_nae_config Completed NETIOR soft reset

Warning: Len is 0 while copying /soc/nae-cfg/port@0/intf-regs

Configuring per-port interface registers for port@0

Configuring per-port NAE registers for port@0

nlm_hal_open_if: 0CLEARING speed bit =0x2

Initializing OOB Ethernet PHY:

Starting auto-negotiation on port 0, external mdio bus 0, phy address 1

Unknown operating speed

```
Configured with Speed 10Mb HDX
Link is down
Storm:Initialized port@0
Configuring CPU-NAE...
Configuring PoE...
Configuring POE in bypass mode
NAE configuration done!
Digest of FDT based NAE config:
nae-0: PHY is Broadcom BCM54616S (3625d12)
nae-0
boot in 5 s
Booting image at /dev/mtd6...
## Booting kernel from Legacy Image at 9000000094000074 ...
  Image Name: System for pct
  Created: 2022-05-10 13:27:07 UTC
  Image Type: MIPS Linux Multi-File Image (gzip compressed)
  Data Size: 31711702 Bytes = 30.2 MB
  Load Address: ffffffff80100000
  Entry Point: ffffffff80580280
  Contents:
    Image 0: 3088339 Bytes = 2.9 MB
    Image 1: 2756213 Bytes = 2.6 MB
    Image 2: 20731 Bytes = 20.2 kB
    Image 3: 474 Bytes = 0.5 kB
    Image 4: 25845914 Bytes = 24.6 MB
  Verifying Checksum ... OK
## Loading init Ramdisk from multi component Legacy Image at 9000000094000074 ...
  Copying the root file system to 0xffffffff81000000... OK
## Flattened Device Tree from multi component Image at 9000000094000074
  Booting using the fdt at 0x94592f18
  Uncompressing Multi-File Image ... OK
```

Starting kernel ...

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[ 0.000000] Initializing cgroup subsys cpuset
[ 0.000000] Initializing cgroup subsys cpu
[ 0.000000] Linux version 3.7.10-77c011e4 (os959451@lc-rtp-069) (gcc version 4.6.3 (GCC) ) #1 SMP Thu Aug
6 18:11:33 EDT 2020
[ 0.000000] bootconsole [early0] enabled
[ 0.000000] CPU revision is: 000c1104 (Netlogic XLP)
[ 0.000000] FPU revision is: 00770000
[ 0.000000] Checking for the multiply/shift bug... no.
[ 0.000000] Checking for the daddiu bug... no.
[ 0.000000] Node 0 - SYS/FUSE coremask 3
[ 0.000000] Determined physical RAM map:
[ 0.000000] memory: 000000000afffe00 @ 0000000000000000 (usable)
[ 0.000000] memory: 000000005ffffe00 @ 0000000020000000 (usable)
[ 0.548000] physmap-flash.0: failed to claim resource 0
starting pid 1101, tty ": /etc/init.d/rcS'
starting pid 1238, tty '/dev/ttyS0': '/etc/rc.d/rc.fastpath'
Mounting /dev/mtdblock5 at /mnt/fastpath...done.
Mounting tmpfs at /mnt/application...done.
Checking for USB Device...done.
No USB Device found.
```

Dell Networking Boot Options

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Select a menu option within 5 seconds or the Operational Code will start automatically...

- 1 - Start Operational Code
- 2 - Display Boot Menu

Select (1, 2)#

active = /dev/mtd6

Extracting Operational Code from .stk file...done.

Loading Operational Code...done.

Decompressing Operational Code...done.

Uncompressing apps.lzma

Uncompressing python.lzma

Installing Python

DMA pool size: 33554432

PCI unit 0: Dev 0xb846, Rev 0x02, Chip BCM56846_A1, Driver BCM56840_B0

SOC unit 0 attached to PCI device BCM56846_A1

hpc - No stack ports. Starting in stand-alone mode.

<186> Jun 20 10:00:18 0.0.0.0-1 General[fp_main_task]: bootos.c(191) 9 %% CRIT Event(0xaaaaaaaa) started!

<185> Jun 20 10:00:18 0.0.0.0-1 SIM[Cnfgr_Thread]: sim_util.c(3945) 11 %% ALRT Switch was reset due to power disruption or watchdog expiry or unexpected restart.(reason[0x0]).

(Unit 1 - Waiting to select management unit)>

Applying Global configuration, please wait ...

Welcome to Dell EMC Easy Setup Wizard

The setup wizard guides you through the initial switch configuration, and gets you up and running as quickly as possible. You can skip the setup wizard, and enter CLI mode to manually configure the switch. You must respond to the next question to run the setup wizard within 60 seconds, otherwise the system will continue with normal operation using the default system configuration. Note: You can exit the setup wizard at any point by entering [ctrl+z].

Would you like to run the setup wizard (you must answer this question within 60 seconds)? (y/n)

No data within sixty seconds!!!

Thank you for using the Dell EMC Easy Setup Wizard. You will now enter CLI mode.

Applying Interface configuration, please wait ...

console>