

# Linux on Futro Z220

## eLux RT

On the device preinstalled was eLux RT.

Digging a little in the Settings GUI revealed a Linux under the hood.

### [/proc/cmdline](#)

```
console=tty00,115200n8 earlyprintk rootwait root=/dev/mmcblk0p3 ro
ip=noip quiet noinitrd no_console_suspend vga=0x31c mem=352M@0x80000000
mem=320M@0x9FC00000 vram=102M vmalloc=500M
notifyk.vpssm3_sva=0xBF900000 ti814xfb.vram=0:34M,1:8M,2:8M
```

### [/proc/cpuinfo](#)

```
Processor      : ARMv7 Processor rev 2 (v7l)
BogoMIPS      : 719.58
Features      : swp half thumb fastmult vfp edsp neon vfpv3
CPU implementer : 0x41
CPU architecture: 7
CPU variant   : 0x3
CPU part      : 0xc08
CPU revision  : 2

Hardware      : ti8148evm
Revision      : 0000
Serial        : 0000000000000000
```

### [/proc/version](#)

```
Linux version 2.6.37 (magna@magna-buildserver) (gcc version 4.3.3
(Sourcery G++ Lite 2009q1-203) ) #1 Wed Nov 27 10:34:10 CET 2013
```

### [/proc/partitions](#)

```
major minor #blocks name
179      0    1875968 mmcblk0
179      1     102392 mmcblk0p1
179      2     102400 mmcblk0p2
179      3    1126400 mmcblk0p3
 31      0         96 mtdblock0
 31      1         288 mtdblock1
```

31	2	8	mtdblock2
31	3	312	mtdblock3
31	4	64	mtdblock4
31	5	3328	mtdblock5

## SoC details

- [https://web.archive.org/web/20210114190057/https://processors.wiki.ti.com/index.php/DM814x\\_Overview](https://web.archive.org/web/20210114190057/https://processors.wiki.ti.com/index.php/DM814x_Overview)
- [https://web.archive.org/web/\\*/https://processors.wiki.ti.com/index.php/DM814x\\*](https://web.archive.org/web/*/https://processors.wiki.ti.com/index.php/DM814x*)
- [https://web.archive.org/web/20200614232053/https://processors.wiki.ti.com/index.php/DM814x\\_AM387x\\_PSP\\_User\\_Guide](https://web.archive.org/web/20200614232053/https://processors.wiki.ti.com/index.php/DM814x_AM387x_PSP_User_Guide)

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