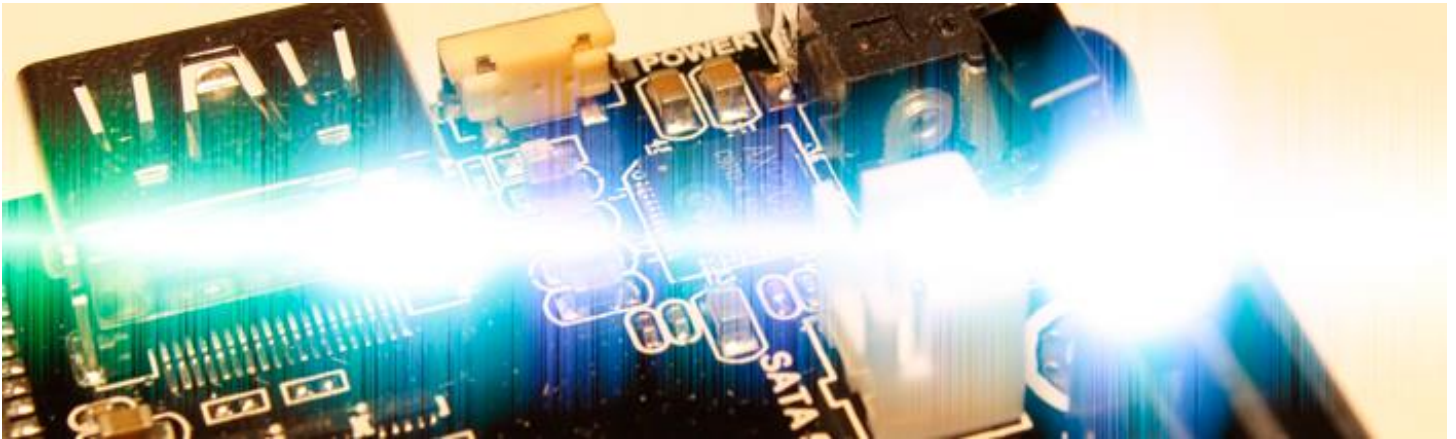


Se sua Cubieboard apresenta esse problema, saiba como resolvê-lo!



Há alguns relatos mostrando problemas de estabilidade na cubieboard 2 e Cubietruck. Veja a [edição # 319](#), explicado por Siarhei Siamashka:

Uma discussão detalhada sobre isso você [encontra aqui](#)

Resolvendo o Problema

Passo 1

Aplique este [Patch](#) manualmente no seu `script.bin`

Passo 2

Baixar `script.bin` já corrigido [clikando aqui](#), em seguida, substituir o seu.

Passo 3

Execute esse comando: `cubian-update --update-board-cfg`

Verifique se o problema foi resolvido

- 1) Instale a última versão do kernel:

```
apt-get update && apt-get install linux-image
```

- 2) Instale o hardware tester:

```
apt-get install cpuburn-sunxi lima-memtester
```

- 3) Execute o hardware tester:

```
cpuburn-sunxi
```

 Para testar se o CPU vai superaquecer enquanto faz o trabalho pesado.

```
cpufreq-stress-test-sunxi
```

 Para testar se a CPU é estável em todas as frequências.



lima-memtester Para testar se a memória está funcionando bem.

Screenshots

```
Terminal
File Edit View Search Terminal Help
root@Cubian:/home/cubie# cpuburn-sunxi
This program tries to stress the processor, attempting to generate as much
heat as possible. Improperly cooled or otherwise flawed hardware may potent
ially overheat and fail. Use at your own risk!

cpuburn is started at Fri Jul  4 22:53:50 UTC 2014

Press CTRL + C to STOP
....33.0°C....36.2°C....36.2°C....37.8°C....39.4°C....37.8°C....41.0°C....4
2.6°C....42.6°C....44.2°C....44.2°C....44.2°C....45.8°C....45.8°C....47.3°C
....47.4°C....47.4°C....47.4°C....47.4°C....49.0°C....49.0°C....49.0°C....4
9.0°C....49.0°C....49.0°C..^C
cpuburn is stopped at Fri Jul  4 22:56:02 UTC 2014
2 minutes and 12 seconds
root@Cubian:/home/cubie#
```

```
Terminal
File Edit View Search Terminal Help
root@Cubian:/home/cubie# cpufreq-stress-test-sunxi
Creating '/tmp/whitenoise-1920x1080.jpg' ... it may take a whileCPU stress
test, which is doing JPEG decoding by libjpeg-turbo
at different cpufreq operating points.

Testing CPU 0
1488 MHz SKIPPED
1440 MHz SKIPPED
1392 MHz SKIPPED
1344 MHz SKIPPED
1296 MHz SKIPPED
1248 MHz SKIPPED
1200 MHz SKIPPED
1152 MHz SKIPPED
1104 MHz SKIPPED
1056 MHz SKIPPED
1008 MHz ..... OK
 960 MHz ..... OK
 912 MHz ..... OK
 864 MHz .....
```



```
Terminal
File Edit View Search Terminal Help
root@Cubian:/home/cubie# lima-memtester 100M
This is a simple textured cube demo from the lima driver and
a memtester. Both combined in a single program. The mali400
hardware is only used to stress RAM in the background. But
this happens to significantly increase chances of exposing
memory stability related problems.

Kernel driver is version 14
Detected 1 Mali-400 GP Cores.
Detected 2 Mali-400 PP Cores.
FB: 1280x720@32bpp at 0x51001000 (0x00708000)
Using dual buffered direct rendering to FB.

memtester version 4.3.0 (32-bit)
Copyright (C) 2001-2012 Charles Cazabon.
Licensed under the GNU General Public License version 2 (only).

pagesize is 4096
pagesizemask is 0xfffff000
want 100MB (104857600 bytes)
```

Fonte: Cubie.org