

Recreate experimental HDD

[TS-WXL](#)

The firmware was set to 1.30, and the HDD on the standard firmware was deleted.

-The root password was deleted.

-Telnet was enabled.

-The serial console input was also enabled .

Because it can be hot-plugged, do not connect with USB or erase the partition in advance, boot only with HDD2, and stab HDD1 later.

Start with HDD2 only

Unplug HDD1 , start with HDD2 alone ERROR LED and LCD are red, HDD1 LED is blinking

Stab an experimental HDD

Insert a test HDD into the HDD1 slot

KERNELM0n (SATA 0 plugged)

But nothing happens.

revise

Select "Disk 1" from "System" → "Disk" on the Web administration screen and execute "Re-recognize disk".

```
Core Driver (ERROR) 0 0: Edma Error Reg 0x10
```

```
start to wait 1000 mili sec
```

```
wait finished.
```

```
** BUFFALO Disable Command Queuing Function [0 0] **
```

```
scsi 0:0:0:0: Direct-Access      SAMSUNG  HD501LJ          CR10 PQ: 0 ANSI: 5
```

```
Linux IAL (ERROR) [0 0 0]: set device max sectors to 2048
```

```
/sbin/hotplug [scsi]
```

```
/sbin/hotplug [scsi_disk]
```

```
Linux IAL (ERROR) : retry command host=0, bus=0 SCpnt = 809e83c0
```

```
sd 0:0:0:0: [sdb] 976773168 512-byte hardware sectors (500108 MB)
```

```
sd 0:0:0:0: [sdb] Write Protect is off
```

```
sd 0:0:0:0: [sdb] Write cache: enabled, read cache: enabled, doesn't support DPO or FUA
```

```
sd 0:0:0:0: [sdb] 976773168 512-byte hardware sectors (500108 MB)
```

```
sd 0:0:0:0: [sdb] Write Protect is off
```

```
sd 0:0:0:0: [sdb] Write cache: enabled, read cache: enabled, doesn't support DPO or FUA
```

```
sd: sdb1 sdb2 sdb3 sdb4 sdb5 sdb6
```

```
/sbin/hotplug [block]
```

```
/sbin/hotplug [block]
```

```
/sbin/hotplug [block]
```

```
/sbin/hotplug [block]
```

```
/sbin/hotplug [block]
```

```
/sbin/hotplug [block]
```

```
sd 0:0:0:0: [sdb] Attached SCSI disk
```

```
/sbin/hotplug [scsi_disk]
```

```
/sbin/ndmplug [scsi_device]
sd 0:0:0:0: Attached scsi generic sg1 type 0
need re create_devlink!!!
/sbin/hotplug [block]
/sbin/hotplug [scsi_generic]
*** /usr/local/bin/DirectCopy_wait.sh [stop]
hdd_wakeup.sh : FLAG_FORMAT=0
```

format

Select "Disk 1" and execute "Disk Format"

After a while, although it becomes normal on the Web management screen, the ERROR LED and LCD are still red and the HDD1 LED is blinking as usual.

Restart

Press the power switch to turn off the power.

Even if the power is turned off, the ERROR LED and LCD are still red, and the HDD1 LED is still blinking.

Press the power switch to turn on the power.

It has started normally.

Boot with standard firmware HDD1, HDD2

Confirm that it is not broken.

Resync runs

```
root@TS-WXL3B3:~# cat /proc/mdstat
Personalities : [raid0] [raid1] [raid6] [raid5] [raid4]
md1 : active raid1 sda2[2] sdb2[1]
      4999936 blocks [2/1] [_U]
      [=====>...] recovery = 87.6% (4382592/4999936) finish=0.2min speed=47528K/sec

md10 : active raid1 sda5[0] sdb5[1]
      999872 blocks [2/2] [UU]

md0 : active raid1 sda1[0] sdb1[1]
      999872 blocks [2/2] [UU]

unused devices:
root@TS-WXL3B3:~#
```

When the INFO LED goes off, synchronization is complete

Boot with the test HDD alone

Set the experimental HDD created this time in HDD1 and start.

The ERROR LED and LCD are red, and the HDD1 LED is blinking.

You can't tell when the boot is complete without looking at the console, but after the boot is complete, restart.

When restarted, the error is forgotten (the straw

LCD displays

HD 1: SINGLE

2. REMOVE

Z: REMOVE

Because of that, hot plugging is possible, making it much easier to create a laboratory HDD than LS-QL.



TS-WXL

[Rakuten Ichiba](#)
[Amazon](#)
[Yahoo Shopping](#)
[Livedoor Department Store](#)

[←
Modification of standard farm](#)

[Hack of record
LinkStation / KuroBox trying to
hack](#)

[→
Enabling serial console is effective
even after reboot](#)

Copyright (C) 2003-2010 Yasunari Yamashita. All Rights Reserved. [Yasunari](#)
yama yamasita.jp [Yasunari Yamashita](#) 向 Mukoichi, Kyoto