

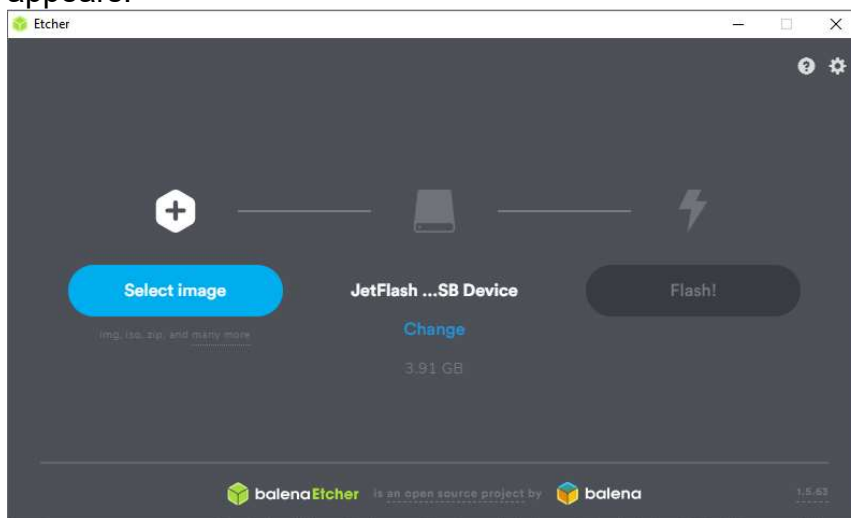
## Create Bootable USB Key

1. Ensure that you have copied locally the following files on your PC:

```
balenaEtcher-Portable-1.5.63.exe  
disk.img.bz2
```

Note: A format (All data are lost) is done during this creation !

2. Double click on balenaEtcher-Portable-1.5.63 exe file – The following windows appears:



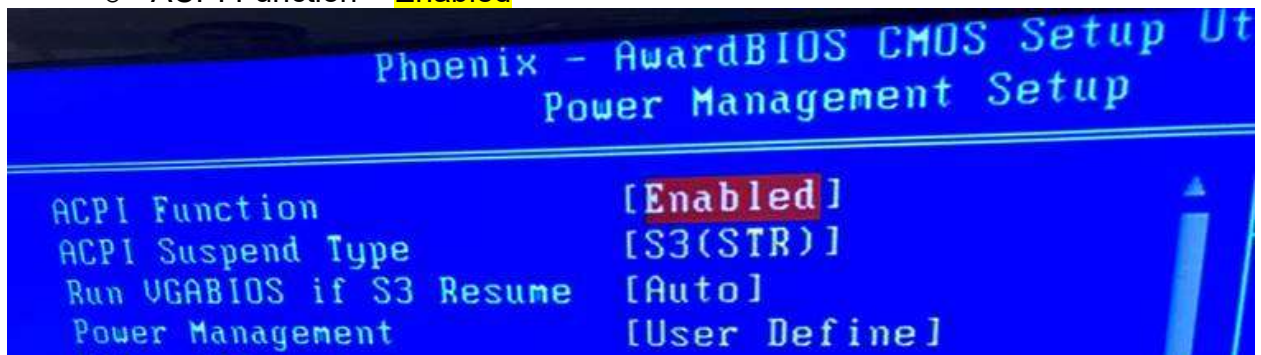
3. Select image `disk.img.Bz2`
4. Select your USB device
5. Flash

## MEMTEST

1. Power off the server
2. Plug the USB key on USB Port of the MTPC board
3. Power On
4. During the boot, press (Esc) key to open the BIOS setup utility  
Check that ACPI Function is enabled

➤ Power Management Setup

- ACPI Function = Enabled



Note: We recommend to keep the ACPI Function Enabled for all XTVia/XSVia servers

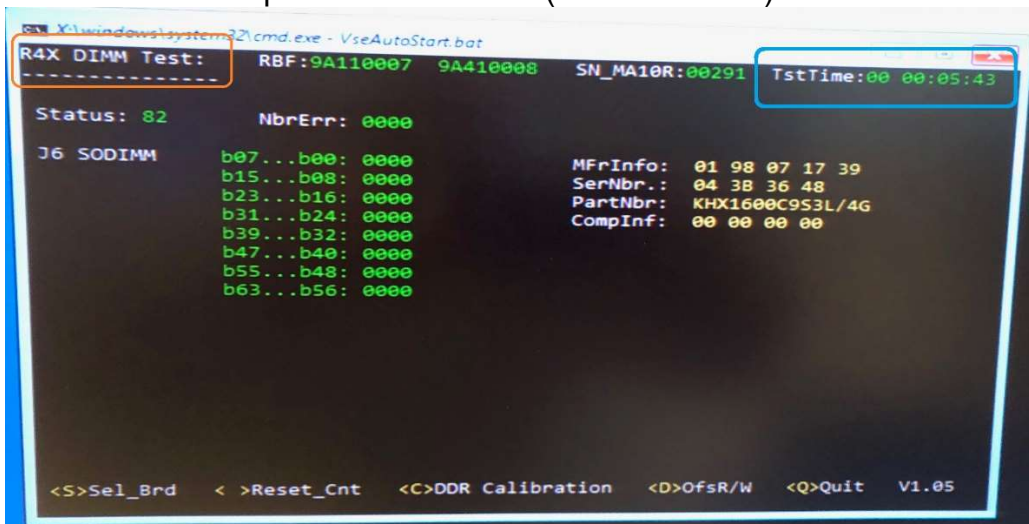
5. After a while, the following windows disappears:



- Select Option **4** to start the MemTest on H4X + R4X

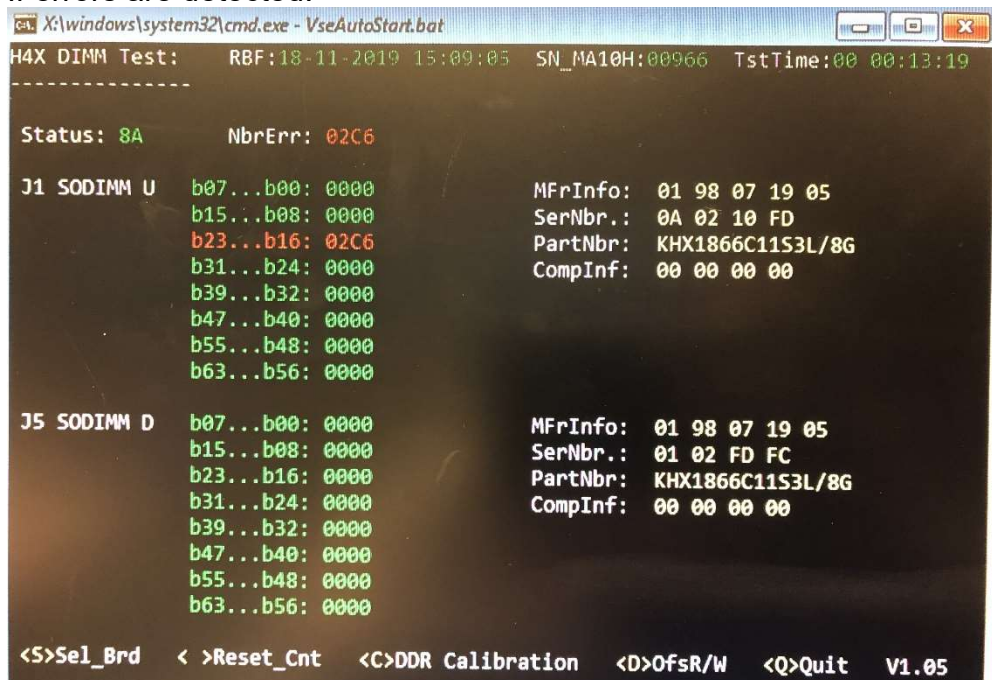


Select <S> to swap to R4X test result (and vice-versa)



- ⇒ The MEMTest is started
- ⇒ We recommend a test's duration of **12 hours** (TstTime)
- ⇒ If the color of one line is immediately red, please use space (once) to reset the counter on startup
- ⇒ You can unplug the USB key to start the test on another XTVia/XSVia

7. If errors are detected:



```

X:\windows\system32\cmd.exe - VseAutoStart.bat
H4X DIMM Test: RBF:18-11-2019 15:09:05 SN_MA10H:00966 TstTime:00 00:13:19

-----
Status: 8A NbrErr: 02C6

J1 SODIMM U b07...b00: 0000 MFrInfo: 01 98 07 19 05
             b15...b08: 0000 SerNbr.: 0A 02 10 FD
             b23...b16: 02C6 PartNbr: KHX1866C11S3L/8G
             b31...b24: 0000 CompInf: 00 00 00 00
             b39...b32: 0000
             b47...b40: 0000
             b55...b48: 0000
             b63...b56: 0000

J5 SODIMM D b07...b00: 0000 MFrInfo: 01 98 07 19 05
             b15...b08: 0000 SerNbr.: 01 02 FD FC
             b23...b16: 0000 PartNbr: KHX1866C11S3L/8G
             b31...b24: 0000 CompInf: 00 00 00 00
             b39...b32: 0000
             b47...b40: 0000
             b55...b48: 0000
             b63...b56: 0000

<S>Sel_Brd < >Reset_Cnt <C>DDR Calibration <D>OfsR/W <Q>Quit V1.05
  
```



```

X:\windows\system32\cmd.exe - VseAutoStart.bat
R4X DIMM Test: RBF:9A110007 9A410008 SN_MA10R:00881 TstTime:00 15:26:54

-----
Status: 82 NbrErr: 048A

J6 SODIMM b07...b00: 0000 MFrInfo: 01 98 07 19 04
           b15...b08: 0000 SerNbr.: 04 32 ED 86
           b23...b16: 0000 PartNbr: KHX1866C11S3L/4G
           b31...b24: 048A CompInf: 00 00 00 00
           b39...b32: 0000
           b47...b40: 0000
           b55...b48: 0000
           b63...b56: 0000
  
```

- ⇒ Take a screenshot and attach it to your feedback to EVS Support
- ⇒ Identify the faulty DIMM (J1 or J5 for H4X)
- ⇒ Replace the DIMM on H4X or R4X



H4X



R4X

