

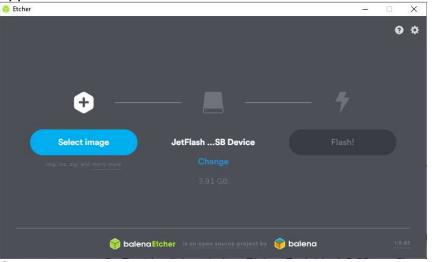
Create Bootable USB Key

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

Author



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 APCI Function is enabled
 - Power Management Setup
 ACPI Function = Enabled

Phoenix - Po	AwardBIOS CMOS Setu wer Management Setup	p Ut
ACPI Function ACPI Suspend Type Run VGABIOS if S3 Resume Power Management	[Enabled] [S3(STR)] [Auto] [User Define]	Î

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

5. After a while, the following windows disappears:



Author



6. Select Option $\frac{4}{4}$ to start the MemTest on H4X + R4X

lenu		<0><1> <z></z>	<up><dn><esc><ente< th=""><th>R> Ver 1.1 Aug 2018</th></ente<></esc></dn></up>	R> Ver 1.1 Aug 2018
3 - Boot	H4X H4X V4X H4X R4X H4X R4X V4X		X DIMM X & R4X DIMM	
5		- Test H4	X & R4X DIMM	

X DIMM Test:	RBF:18-11-2019 15:09:05	SN_MA10H:00306	TstTime:00 00:00:39
Status: 8A	NbrErr: 0000		
JI SODIMM U	b07b00: 0000 b15b08: 0000 b23b16: 0000 b31b24: 0000 b39b32: 0000 b47b40: 0000 b55b48: 0000 b63b56: 0000	SerNbr.: 08 3A	6C1153L/8G
J5 SODIMM D	b07b00: 0000 b15b18: 0000 b23b16: 0000 b31b24: 0000 b39b32: 0000 b47b40: 0000 b55b48: 0000 b63b56: 0000	SerNbr.: 07 02	6C1153L/8G

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

X DIMM Test:	RBF:9A110007	9A410008	SN_MA10R:00291	TstTime:00 00:05:4
tatus: 82	NbrErr: 0000			
6 SODIMM	b07b00: 0000 b15b08: 0000 b23b16: 0000 b31b24: 0000 b39b32: 0000 b47b40: 0000 b55b48: 0000 b63b56: 0000		SerNbr.: 04 30 PartNbr: KHX10	8 07 17 39 3 36 48 500C9S3L/4G 9 00 00

- \Rightarrow The MEMTest is started
- \Rightarrow 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

Author	
File name	MEMTEST.docx



7. If errors are detected:

4X DIMM Test:	RBF: 18-11-2019 15:09:	<pre>35 SN_MA10H:00966 TstTime:00 00:13:19</pre>
Status: 8A	NbrErr: 02C6	
	b07b00: 0000 b15b08: 0000 b23b16: 02C6 b31b24: 0000 b39b32: 0000 b47b40: 0000 b55b48: 0000 b63b56: 0000	MFrInfo: 01 98 07 19 05 SerNbr.: 0A 02 10 FD PartNbr: KHX1866C11S3L/8G CompInf: 00 00 00 00
	b07b00: 0000 b15b08: 0000 b23b16: 0000 b31b24: 0000 b39b32: 0000 b47b40: 0000 b55b48: 0000 b55b48: 0000	MFrInfo: 01 98 07 19 05 SerNbr.: 01 02 FD FC PartNbr: KHX1866C11S3L/8G CompInf: 00 00 00 00

4X DIMM Test:	RBF:9A110007	94410008	SN_MA10R:00881 TstTime:00 15:26	: 54
Status: 82	NbrErr: 048A			
J6 SODIMM	b07b00: 0000 b15b08: 0000 b23b16: 0000 b31b24: 048A b39b32: 0000 b47b40: 0000 b55b48: 0000 b63b56: 0000		MFrInfo: 01 98 07 19 04 SerNbr.: 04 32 ED 86 PartNbr: KHX1866C11S3L/46 CompInf: 00 00 00 00	1

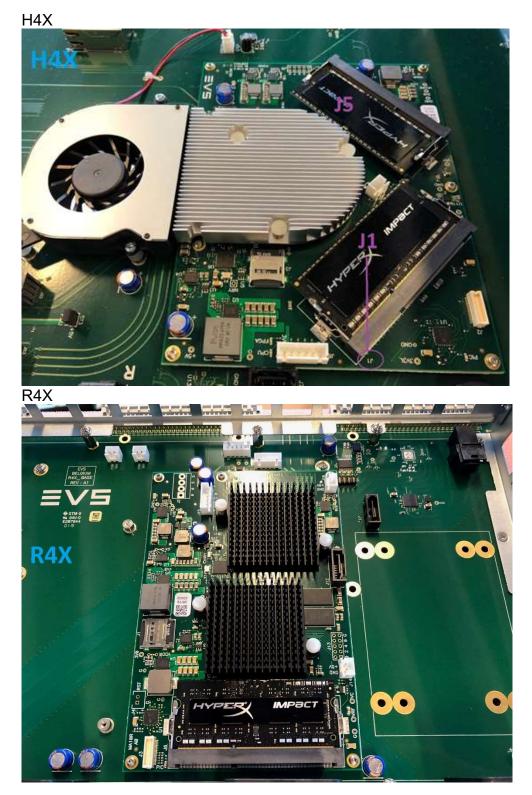
- \Rightarrow Take a screenshot and attach it to your feedback to EVS Support
- ⇒ Identify the faulty DIMM (J1 or J5 for H4X)
 ⇒ Replace the DIMM on H4X or R4X

3-	dé	c -	19
0	uc	с.	

File name MEMTEST.docx

Author





Author

File name MEMTEST.docx