How to use BBT (Bull BIOS Tool)

to create a

Bull BIOS bootable USB stick.

Summary

1. Download the package file:

Connect to the Bull Support On Line web site, at the following url: http://support.bull.com and go to the server model page. Then in the top menu, select “Downloads”, then “BIOS”.
The “Bull BIOS Tool” package file of the chosen server model, should be listed with a name as:

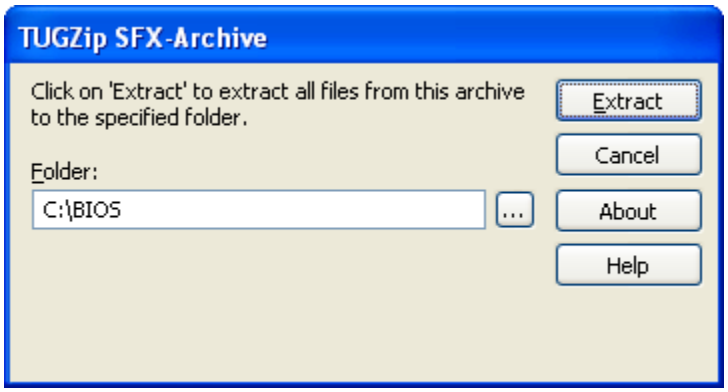
BIOS219_R460F2.exe

Where, “BIOS219” is the BIOS version (in the example 2.1.9) and “R460F2” is the system model (R460 F2 in this example).

2. Bull BIOS bootable stick creation

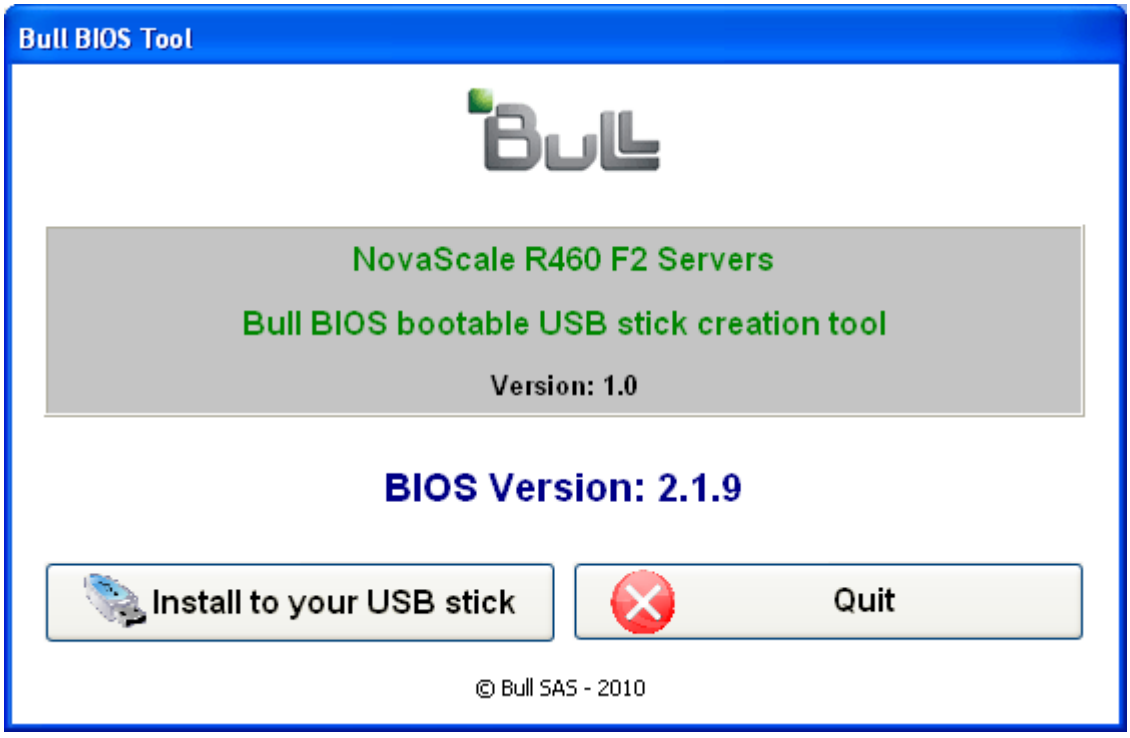
On a PC running Windows®, double click on the previously downloaded file.

The following window will be displayed:



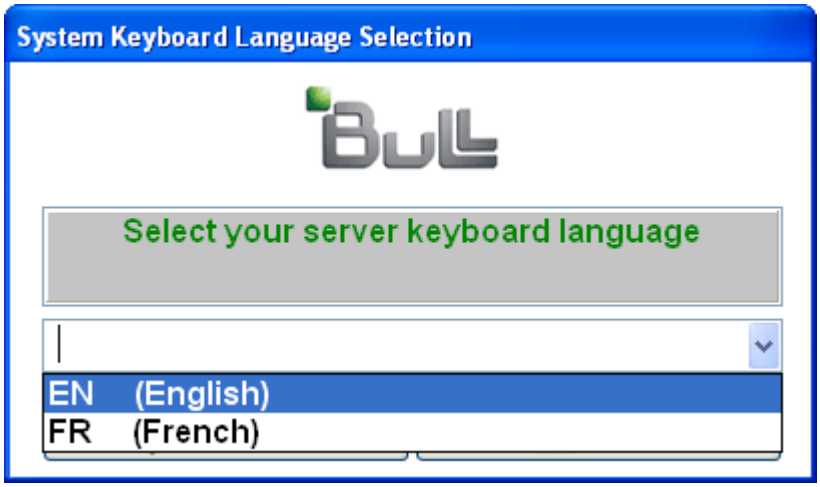
Click on the “Extract” button and follow the instructions as will be described hereafter. The “C:\BIOS” could be changed by another one, it's just necessary to remember where to delete it at the end of the USB stick creation.

Here's what it's displayed:

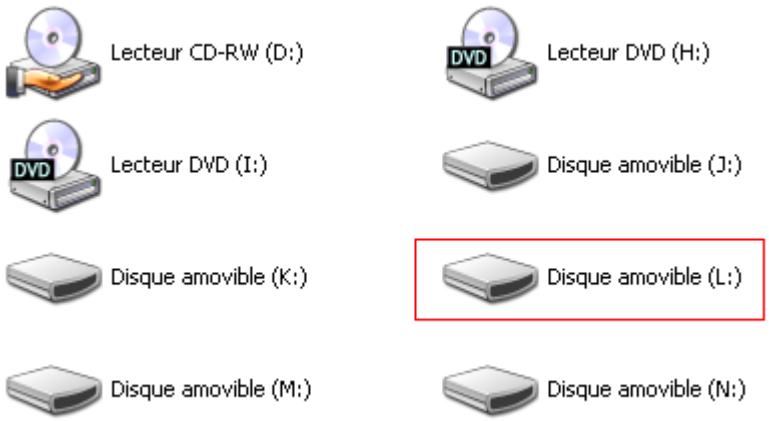


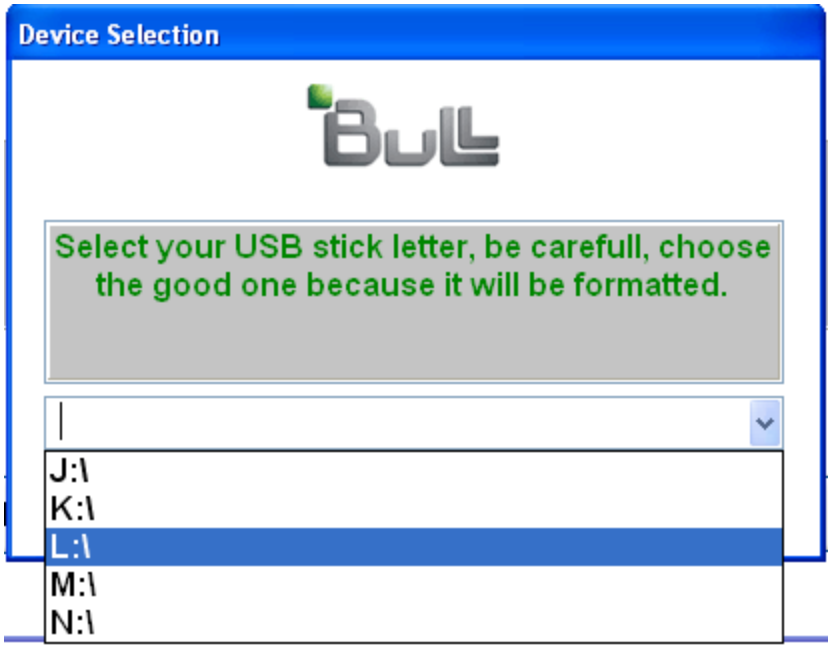
At this step, an USB stick have to be inserted, f not, insert one and wait for it's Windows® availability, then click on the “Install to your USB stick” button, otherwise, quit the program by clicking on the “Quit” button.

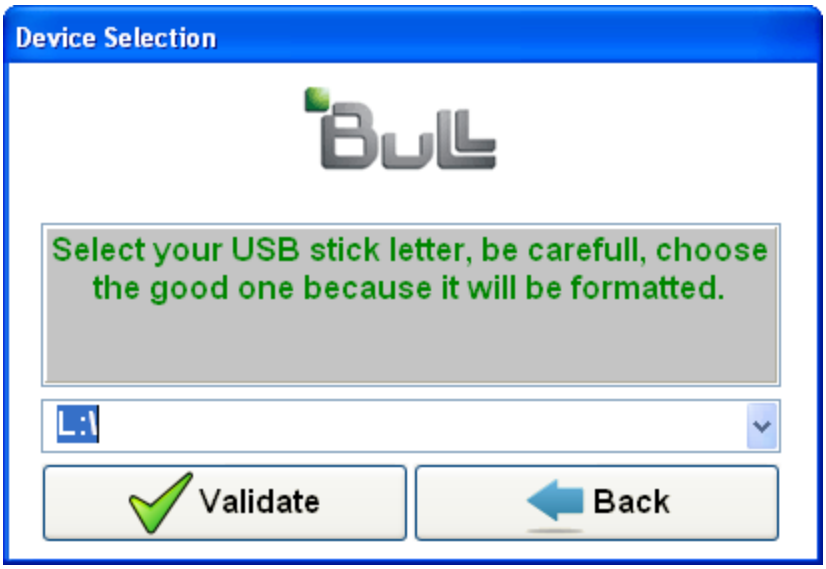
Click on the “Bull BIOS bootable USB stick” button, on the following window, select the server keyboard language as shown.



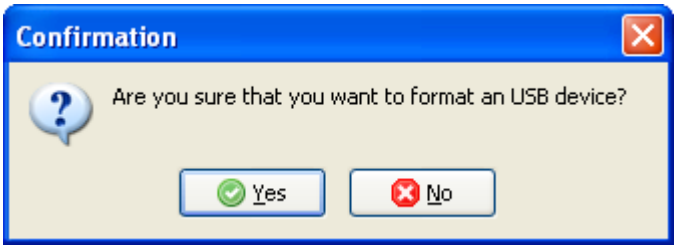
When selected, click on “Validate” button. Now, it's necessary toknow what's the USB stick letter, ATTENTION, the USB stick will be formatted check on Windows the drive letter and be sure that's the good one, **otherwise, all the information contained on it will be lost**.



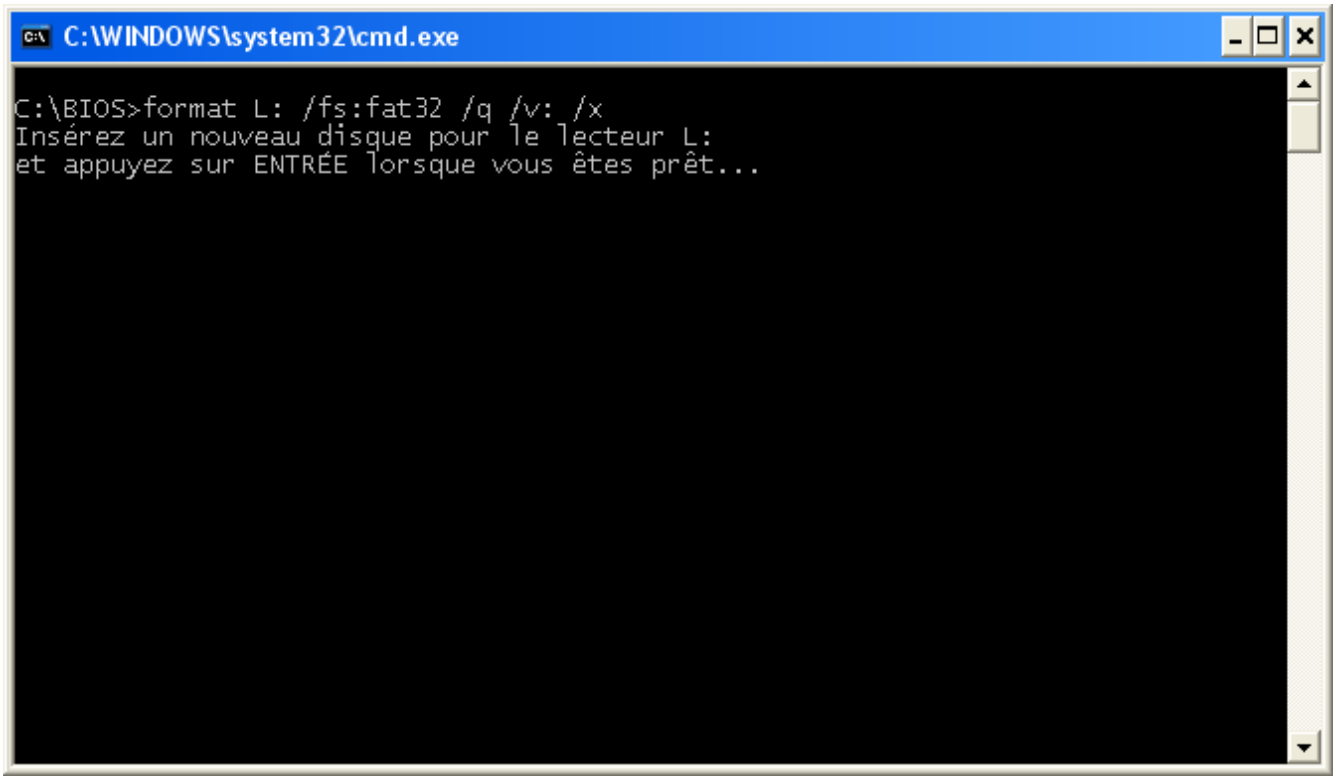

Device Selection
Select your USB stick letter, be carefull, choose the good one because it will be formatted.
J:\
K:\
L:\
M:\
N:\


Device Selection
Select your USB stick letter, be carefull, choose the good one because it will be formatted.
L:\
Validate
Back

At this step, the USB stick is selected, click on the “Validate” button. The program will be asks for the USB stick format confirmation, click “Yes” when be sure that's the good USB letter, otherwise, click 'No”.

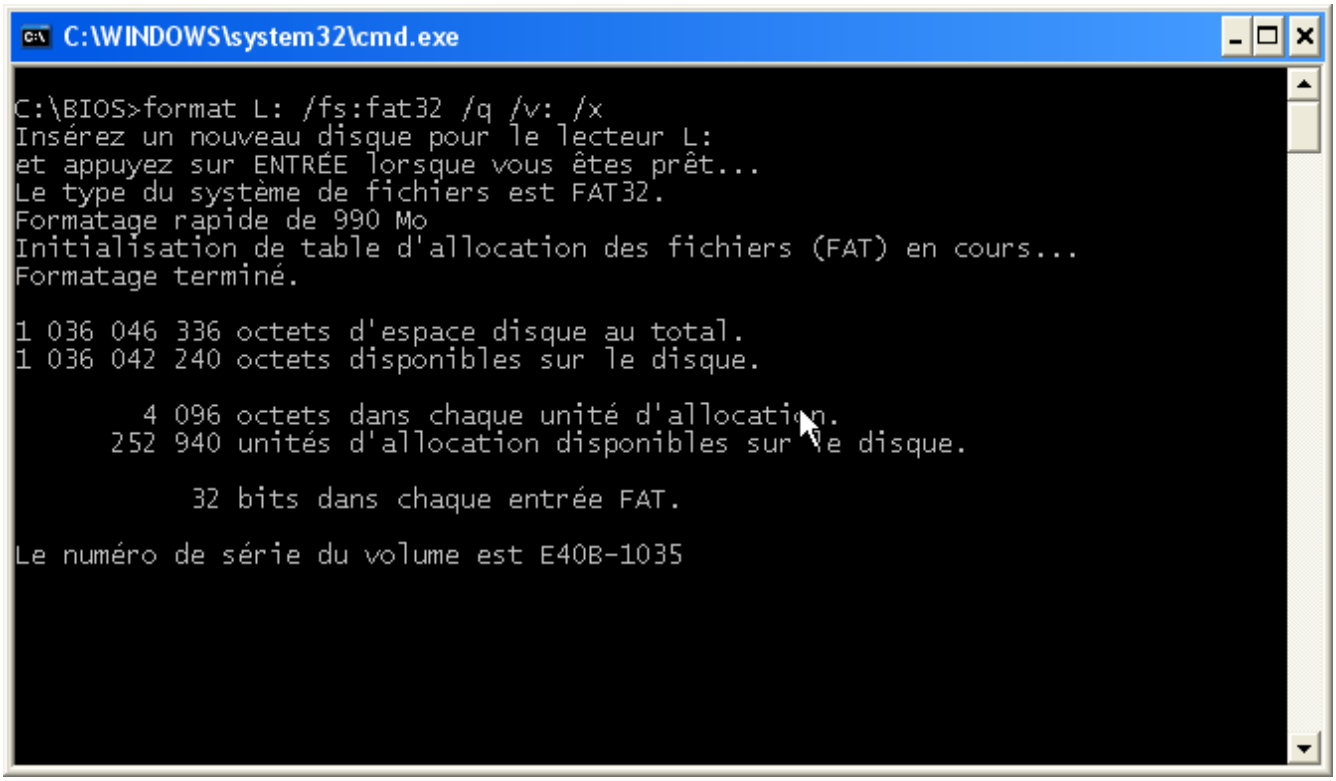


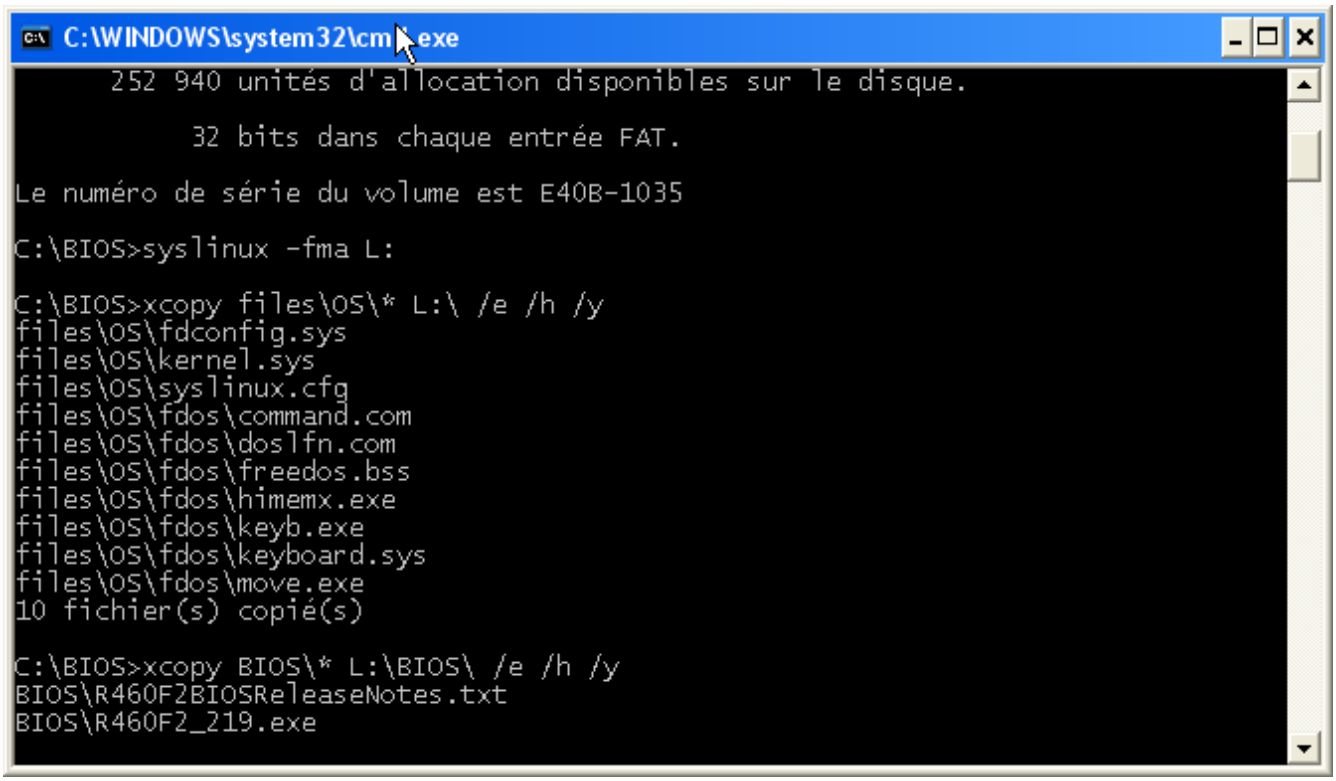
Then, the following window is displayed:



Just press the “Enter” key and wait for the end of the program.

Here's two pictures who shows what's running:





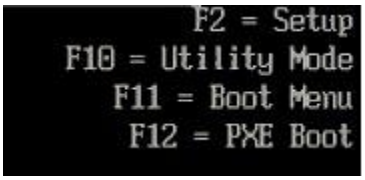
The USB stick is now ready to use.

3. How to use the Bull BIOS bootable USB stick

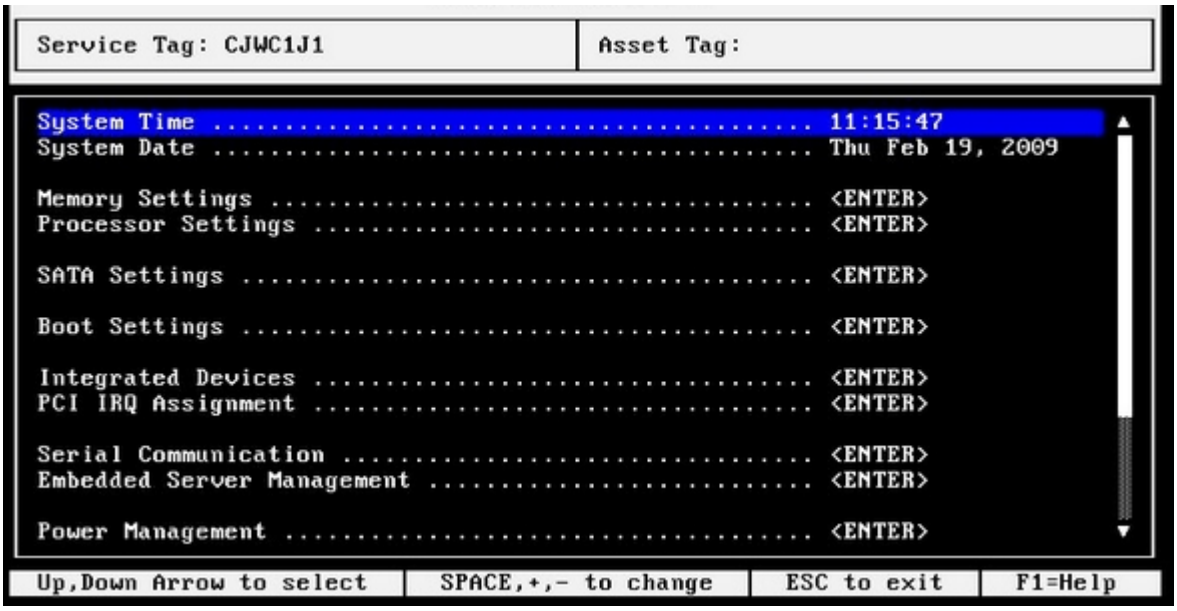
Insert the bootable USB stick in the server, then power on it.
There are two ways to boot on the USB stick:

3.1 Entering the BIOS

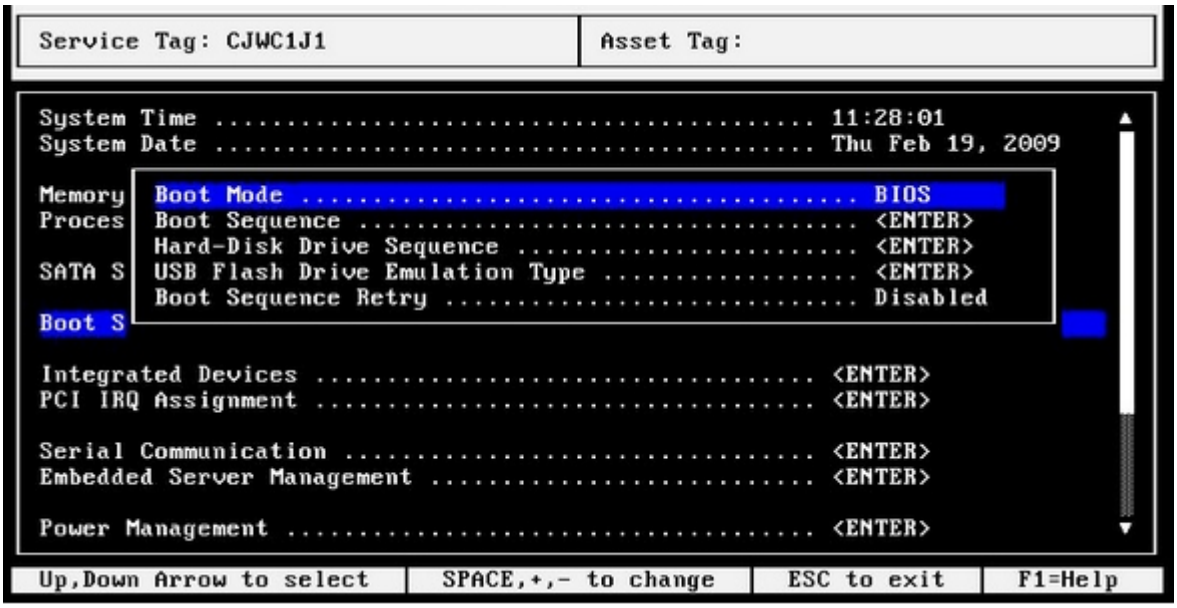
When asked for press “F2” key to enter inside the BIOS:



Using the “Down arrow” key, highlight the “Boot Settings” line, then press “Enter” key.



Here's the BIOS:



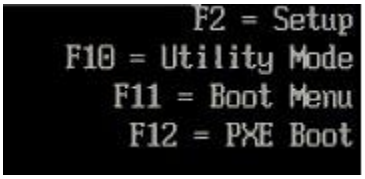
Go to “Hard-Disk Drive Sequence” line and press “Enter” key. The BIOS will show the available drives including the USB stick, press the “+” key to push the USB stick in the first line.

Press “Escape” until the BIOS asks for saving the modifications, save it.

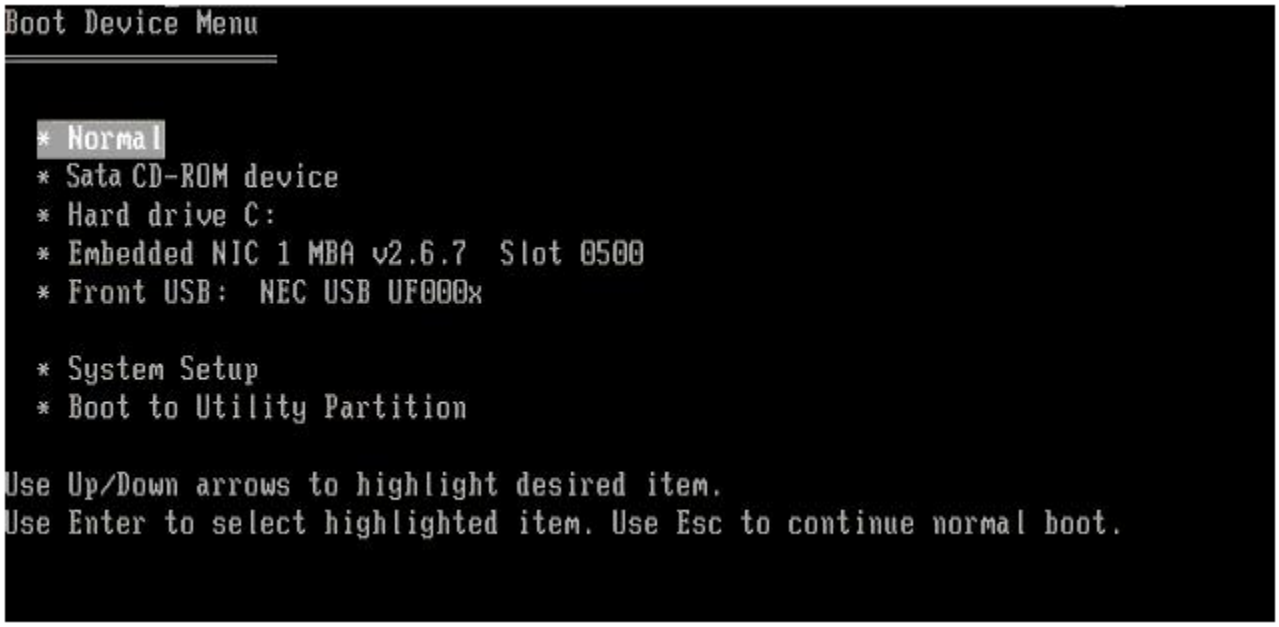
Now the system will boot on the USB stick.

3.2 Boot order BIOS

When asked for, press “F11” key to enter inside the BIOS:



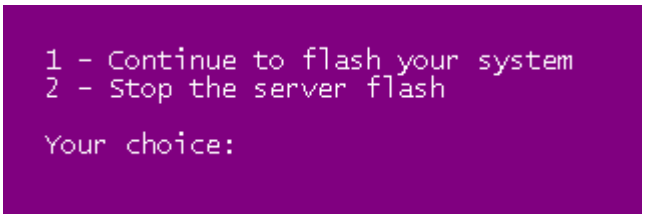
The following window will be displayed:



Select the USB stick here and press the “Enter” key.
The system will boot on the USB stick.

4. Server booting up

Let the server starts on the USB stick until the following question:



– Select “1” to continue the system BIOS flash, and wait for the server reboot to unplug the USB stick.
– Select ”2” to stop it, OS prompt will be displayed.