

# Install Ubuntu / Linux on a Dell Latitude E6410

Stéphane Bortzmeyer

<stephane+blog@bortzmeyer.org>

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<http://www.bortzmeyer.org/dell-latitude-e6410.html>

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I just installed Ubuntu on a Dell Latitude E6410 laptop. This article documents a few things about this machine and the issues I had. I installed Ubuntu from an USB key, created on another Ubuntu machine via System -i Administration -i Startup disk creator and using the currently beta version of Ubuntu, "Oneiric Ocelot <<http://ftp.crihan.fr/releases/oneiric/>>", Beta2 <<https://wiki.ubuntu.com/OneiricOcelot/TechnicalOverview/Beta2>>. F12 at startup to boot on the USB key, the system starts(the kernel boots) but initramfs says "Unable to find a medium containing a live file system". I had to change the order of boot devices, putting the USB storage first. (Always remember to read in detail the excellent LiveCDBootOptions <<https://help.ubuntu.com/community/LiveCDBootOptions>> documentation.)

Here is a list of what seems to work on the machine :

- The screen, at 1440x900 (the background shakes a bit at the edges, specially at login screen),
- The sound (and I was able to see an episode of Game of Thrones at high definition),
- The Ethernet network.

Things which do not work include :

- Among ACPI things, suspension works fine but hibernation does not : the machine does not complain but shuts down instead of going to sleep.

I did not test yet :

- Wi-Fi,
- Gadgets such as the webcam.

The PCI cards are described here (en ligne sur <http://www.bortzmeyer.org/files/dell-latitude-e6410-pc>)  
Here are the boot messages of the machine (en ligne sur <http://www.bortzmeyer.org/files/dell-latitude-e6410-boot>).