Install Ubuntu / Linux on a Dell Latitude E6410

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`https://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 -¿ Administration -¿ 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 `https://www.bortzmeyer.org/files/dell-latitude-e6410-p`
Here are the boot messages of the machine (en ligne sur `https://www.bortzmeyer.org/files/dell-latitude-e6410-boot`).