
dell-latitude-xt-tablet Documentation

Release 0.1

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Contents

| | | |
|----------|-----------------------------------|----------|
| 1 | Desired Features | 3 |
| 2 | Before system installation | 5 |
| 3 | Author | 7 |
| 4 | Indices and tables | 9 |

How to use Dell Latitude XT tablet with Linux - config files and HOWTOs.

This is work in progress. Some of the configs, tips and HOWTOs are taken from [rafi's site](#), [Gentoo's Wiki](#) and [Rene Mayrhofer's virtual home](#), although I found them a bit outdated. This is my personal approach and refinement to the case.

Desired Features

As of 2012-08-15 all major Linux distributions should install fine and utilize most of the features out-of-the-box. However there are some annoyances that pushed me to investigate the case to the fullest as I want to have a “full Latitude XT experience” (with some personal twists) that Windows users have:

1. Touchscreen (using finger and pen)
 - multitouch if possible.
 - automatic switch to tablet mode (disable touch if pen is near screen - easier scetching) if possible
 - long-press for RMB menu
2. Screen & pointer rotation
3. Fingerprint reader with optimal usability/safety solution (eg. login and unlock encrypted partition using password then just use fingerprints for unlocks, sudo etc.)
4. Isolate and use every key on the lid. In present installations some buttons are confused and some are not recognized.
 - Use jog-click for mode select between Volume/Brightness/Scroll and then use up/down appropriately
 - Use BackKey as Esc/Ctrl+Z
5. Fully functional wireless:
 - native WiFi (no ndiswrapper), with sniffing capability ;)
 - WWAN¹ (cellular network)
 - BlueTooth¹
6. Reuse WiFi Catcher button as BT switch.
7. Use GPS¹ for navigation and geotagging.
8. Other useful stuff

My distribution of choice is [Arch Linux](#) but I hope to write everything as distro-agnostic as possible.

¹ Optional module

CHAPTER 2

Before system installation

Remember to install any upgrades prior to installing Linux. BIOS upgrade and N-Trig touchscreen firmware upgrade can only be applied via Windows.

Any help is appreciated. Just use issue tracker and/or pull requests.

Contents:

CHAPTER 3

Author

These documents has been gathered and/or written by Dominik Kozaczko.

CHAPTER 4

Indices and tables

- `genindex`
- `modindex`
- `search`