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Subject: Install on X200

Posted by [aryr100](#) on Fri, 23 Feb 2018 02:44:29 GMT

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Finally got to install FreeSlack64-14.2, on my Certificated RYF Thinkpad X200.

All goes well, the only issue is lilo. You will need to activate Grub, then the system will boot properly.

<https://www.fsf.org/news/libreboot-x200-laptop-now-fsf-certified-to-respect-your-freedom>

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Subject: Re: Install on X200

Posted by [samtux](#) on Fri, 23 Feb 2018 15:34:50 GMT

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Your X200 has Libreboot which already contains GRUB and there's no need to install it in FreeSlack. It's sufficient to create a /boot/grub/libreboot\_grub.cfg file.

LiLo won't work, since it uses BIOS functions (at least that's what I read in a statement of a Libreboot developer) and your Thinkpad has no BIOS anymore (that's why it has the FSF certificate).

I replaced the BIOS with Libreboot on my TP X200 in July 2015.

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Subject: Re: Install on X200

Posted by [aryr100](#) on Mon, 04 Jun 2018 21:51:19 GMT

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Works with the following :

After install, but before you reboot

```
chroot /mnt
```

```
grub-install /dev/sda
```

```
grub-mkconfig -o /boot/grub/grub.cfg
```

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Subject: Re: Install on X200

Posted by [samtux](#) on Tue, 21 Aug 2018 16:43:10 GMT

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There's no need to install grub.

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I attached my libreboot\_grub.cfg (for my LVM based partitioning, where "tpvg" is the name of the volume group). Of course the "linux /vmlinuz ..." line may vary from install to install.

Copying that file into /boot/grub/ is sufficient for libreboot's grub (already installed on the flash chip) to boot up the system.

### File Attachments

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1) [libreboot\\_grub.cfg](#), downloaded 67 times

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Subject: Re: Install on X200

Posted by [KRT1](#) on Wed, 22 Aug 2018 03:32:57 GMT

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Just curious... did either of you have WiFi problems on your X200? I sure did. This fixed it though:

<https://www.linuxquestions.org/questions/slackware-14/networking-connects-then-disconnects-with-14-2-ar9285-4175583671/#post5569860>

... just in case anyone else runs into that little bug, since it affects a fresh Freenix install on an X200 as of right now.

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