

Applications Places System

Technical Reference - Q&A

1. Q: How to install IR driver under Ubuntu 10.04 with ION330HT series? A:

- **%**Since there may be several downloads or updates during the installation, please connect your system to the Internet before you start the installation.
- 1. Click on System on the tool bar > Administration > Synaptic Package Manager
- 2. Click Reload. After reloading, click Search and search for [dkms]

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Reloa	Mark All Upgrades	Apply Properties Quick	search		
	_ S	Package	Installed Version	Search	
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File Edit Package Se	Package Manager ettings Help	
Reload All dkms * C II Se S	Mark additional required changes? The chosen action also affects other packages. The following changes are required in order to proceed. To be installed fakeroot patch	earch index
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Search Result	Canonical provides critical updates for 05 installed, 0 broken. 0 to install/upgrade, 0 to rem	dkms until April 🔹

3. Click on [dkms], mark [dkms] for installation, then click [Apply].

- 4. Choose $[lirc-nct677x-1.0.4-ubuntu10.04.deb]^1$ file, and double click the left key of mouse.
- 5. Click [Install Package]



6. When the window as below picture shows, choose [None] for [remote control configuration], [None] for [IR transmitter, if present] ;and click [Forward].

Applications Place	s System 🙋 👰		🛜 📣 🖂 Thu May 6, 5:54 PM 🙉 tsd 🖒
بر میں	Package Installer - Ii File Help Package: Inc-nct677x-x64 Status: Requires the installation gdebi-gtk Installing dependencies Co Terminal Automatically close after th	C-nct677X-x64 Testall Package Debconf on tsd-desktop Configuring linc Remote control configuration: None Remote control configuration: None Remote control configuration: Remote control configuration: Remote control configuration: Remote control configuration: Remote control configuration: Remote control configuration: Remote control configuration: Remote control configuration: Remote control configuration: Remote control configuration: Remote control configuration: Remote control configuration: Remote control configuration: Remote control configuration: Remote control configuration: Remote control configuration: Remote control configuration: Remote control configuration: Remote control configuration: Remote control configuration: Remote control configuration: Remote control configuration: Remote control configuration: Remote control configuration: Remote control configuration: Remote control configuration: Remote control configuration:	
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7. During install IR driver, [Configuring Lirc] page will show again. Please choose [Nuvoton Transceivers/Remotes] for [remote control configuration], [None] for [IR transmitter, if present] and click [Forward]

Image: State in the	May 6, 5:55 PM 😣 ts
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Package Installer - lirc-nct677x-x64	
Plackage: Plackage: <td></td>	
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Configuring linc. Installing package file. Back Installing linc.	
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8. If you haven't installed Nvidia VGA driver, please activate Nvidia driver form System > Administration > Hardware Drivers.

	No proprietary drivers are in use on this system.
	Proprietary drivers do not have public source code that Ubuntu developers are free to modify. Security updates and corrections depend solely on the responsiveness of the manufacturer. Ubuntu cannot fix or improve these drivers.
	DIA accelerated graphics driver (version current) [Recommended]
NVIDIA	accelerated graphics driver (version current) [Recomme
🥞 Test	ed by the Ubuntu developers
A Lice	nse: Proprietary
3D-acc	elerated proprietary graphics driver for NVIDIA cards.
This dri as well	ver is required to fully utilise the 3D potential of NVIDIA graphics on as provide 2D acceleration of newer cards.
lf you <mark>v</mark>	vish to enable desktop effects, this driver is required.
If this c will not games.	river is not enabled, you will not be able to enable desktop effects be able to run software that requires 3D acceleration, such as som
4	······································
🔘 Th	is driver is not activated.

The driver version we used for test was 195.36.15.

You may check the driver version you used from System > Preferences > Monitor, when the message like picture below shows, click [Yes]



4)) 🔀 Fri May 7, 12:11 PM 😣 tsd 10.04 😣 🛇 📀 🛛 NVIDIA X Server Settings X Server Information X Server Display Configuration X Screen 0 X Server Color Correction DVIDIA X Server XVideo Settings Cursor Shadow System Information OpenGL Settings **Operating System** Linux-x86_64 OpenGL/GLX Information NVIDIA Driver Version: 195.36.15 Antialiasing Settings X Server Information GPU 0 - (ION) Display Name: tsd-desktop:0 Thermal Settings Server Version Number: 11.0 Server Vendor String: The X.Org Foundation Server Ventor Version: 1.7.6 (10706000) PowerMizer CRT-0 - (HSD Hanns.G HW173) nvidia-settings Configuration NV-CONTROL Version: 1.22 Screens Help Quit NVIDIA X Serve

Then you can see the system information in the utility of Nvidia, as shown below,

9. To install XBMC in Ubuntu 10.04, please refer to the links listed below, How-To install XBMC for Linux on Ubuntu, a Step-by-Step Guide, <u>http://wiki.xbmc.org/index.php?title=HOW-TO_install_XBMC_for_Linux_on_Ubuntu, a_Step-by-Step_Guide</u>

And a feedback from a user on Ubuntu Forum, http://ubuntuforums.org/showthread.php?t=1470254

According to the information, user may have to change the first command from *"sudo add-apt-repository ppa:team-xbmc"* to *"sudo add-apt-repository ppa:team-xbmc-svn/ppa"*

10. After XBMC installation, you can use Remote Controller with XBMC.

Note 1. We test it under ubuntu10.04, kernel 2.6.32-21.The version may be updated once a while, please check our website for latest.

※ And if you update kernel, please follow below steps to set.

A. Download "CIR receiver driver for Ubuntu 10.04 32/64bit new kernel ver:1.0.4" from

our website.

Download link:

http://www.asrock.com/nettop/download.asp?Model=ION%20330HT-BD&o=Linux

B. Choose "lirc-nct677x-1.0.4-ubuntu10.04_kernel2.6.32-23.deb", and install it, like above step4 ~step7.

C. Restart your system, and you can use Remote controller under XBMC.