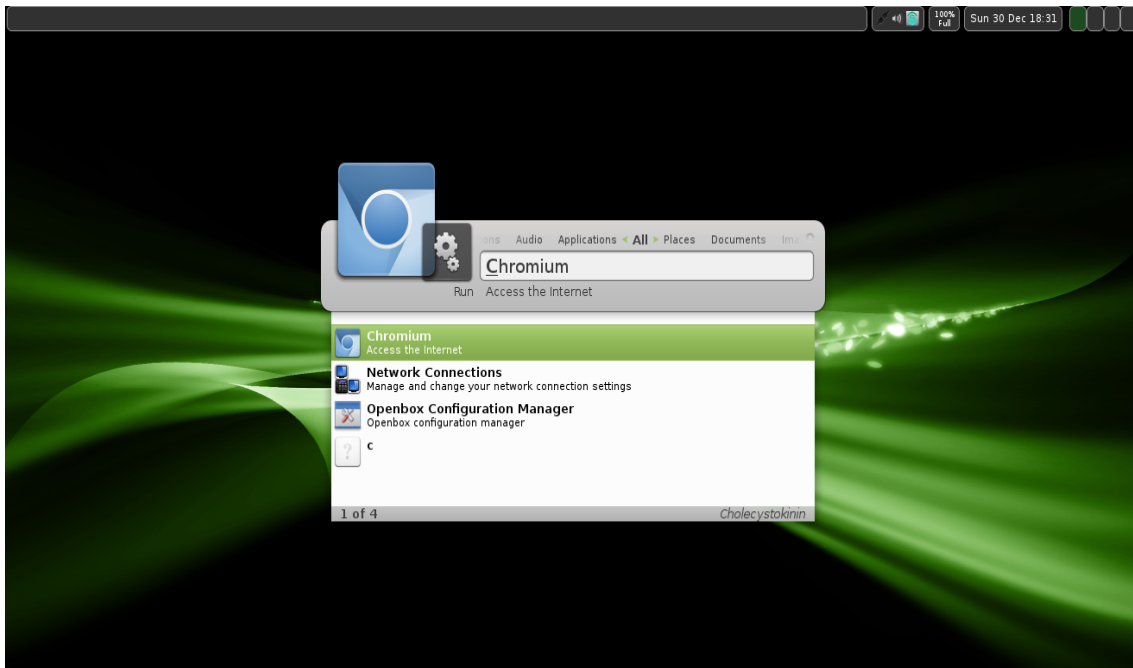# Welcome to the Manjaro Openbox flavour!

Once installed, this - along with the Manjaro User Guide - can be found in the **Manjaro** folder.

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After Installation:

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1. Synapse

Synapse is a semantic file launcher, used in place of traditional menus to find and launch installed applications. While running in the background, a grey and blue icon will be present in the top panel. In this instance, Synapse can be started by pressing the **<ctrl> + <spacebar>** keys. Otherwise, it is also possible to start it by pressing the **<Super / Windows> + <s>** keys.

Synapse is also capable of much more than just launching applications, particularly given the number of optional plug-ins available. It can also be used to:

- Find and access particular file types such as documents, images, or movies
- Open folders
- Directly control applications such as Banshee and XNoise
- Execute terminal commands
- Submit Google searches

It is also worthwhile noting that Synapse can remember previous searches, meaning that the desired result can be acheived with as little as a single keystroke. To see the range of options available, click the top-right dot on the Synapse panel, then "preferences", and then the "plugins" tab. In the "General" tab it is also possible to select different themes.

Navigation is undertaken using the **<arrow>** keys, rather than the mouse (e.g. use the **<left or right arrow>** key to select particular search categories). In respect the default theme, while a search is being undertaken, it is also possible to press the **<down arrow>** key to show more results. Further options for a highlighted result can also be presented by pressing the **<tab>** key. Again, Synapse is a very powerful, versatile, and fast tool, so it is worth taking the time to explore and become familar with it.

2. Keyboard Shortcuts

Openbox is particularly notable for its standard inclusion of keyboard shortcuts to quickly do things. These have been retained, with a few extra custom keybindings:

<Super / Windows> + <a> : Launch Application Finder
<Super / Windows> + <f> : Launch default File Manager (Thunar)
<Super / Windows> + <s> : Launch Synapse (if not already running in the background)
<Super / Windows> + <t> : Launch Terminal
<Super / Windows> + <x> : Logout and Shutdown Options

Where presented with the Logout and Shutdown options, one of the following keys can then be pressed:

<esc> : Cancel
<l> : Logout
<r> : Restart / Reboot
<s> : Shutdown
<k> : Lock

3. Scrolling and Workspace Switching

If the mouse pointer is placed over an open application window, then the wheel may be used to scroll through its contents. Otherwise, if the mouse pointer is placed over the desktop background or the panel, then the wheel may be used to quickly switch to other workspaces. It is of course also possible to select a desired workspace by simply clicking on it in the workspace switcher, located in the top-right of the screen. The standard shortcut keys are also available (i.e. **<ctrl> + <alt> + <left or right arrow>** key).

4. Multimedia Support

In order to fit the installation file to a CD, full multimedia support has not been pre-installed. To enable multimedia support, the following command should be entered in the terminal, or in Synapse:

sudo pacman -Sy gstreamer0.10-plugins

Furthermore, although ALSA is used as standard for sound, Pluse Audio can also be optionally installed with the following command:

sudo pacman -Sy manjaro-pulse

5. Printing Support

Again, to keep the ISO file size down, printing capabilties have not been automatically pre-installed. To enable this feature, enter the following command in the terminal or in Synapse:

sudo pacman -Sy manjaro-printer && sudo systemctl enable cups.service

Once complete, reboot the system for the change to take effect. Alternatively enter the following command to start printing immediately:

sudo systemctl start cups.service

6. Accessing the Arch User Repository (AUR)

The Arch User Repository contains a substantial amount of additional software not otherwise available from the official Manjaro repositories. However, the AUR itself is not officially supported by the Manjaro Team, so use it at your own risk. To enable access to the AUR, enter the following command in the terminal or in Synapse:

sudo pacman -S base-devel yaourt

Once installed, the AUR can be immediately accessed by using the yaourt command in the terminal (not Synapse), along with the full or partial name of the software package desired:

yaourt [full or partial name of software package]

More details are available in our wiki: http://wiki.manjaro.org/index.php/Arch_User_Repository

7. Recommended Applications

You guessed it - only a basic suite of applications have been pre-installed to minimise the size of the ISO file. While this also provides an opportunity for users to build a software library they want without having to remove too much first, beginners may still find the following suggestions helpful:

Internet: Chromium (don't forget the *addblockplus* and *ghostery* extensions!)
Movies: VLC
Music: Banshee or RhythmBox
Full Office: LibreOffice (an easy-to-use installer for this has been pre-installed)
Light Office: AbiWord, Gnumeric and Yelp (Yelp is used to provide help)
Images: Gimp
Burning: Brasero or XFBurn (already pre-installed in 32-bit installations)

If you want to add an extra dock or taskbar to the desktop (or even replace Tint2 alogether), the Avant Window Navigator is a good choice. Just don't forget there is an *extras* package for it, too. Both are available from the official Manjaro repositories.

8. Extra Backgrounds (already pre-installed in 32-bit installations)

The pre-installed total of one background in 64-bit installations isn't much too much to shout about. Luckily, there are a whole host of varied Manjaro-related backgrounds to download. To do so, enter the following command in the terminal, or in Synapse:

sudo pacman -S manjaro-artwork-extra

Once installed, they will be immediately available by selecting the "change background" option in the desktop menu.