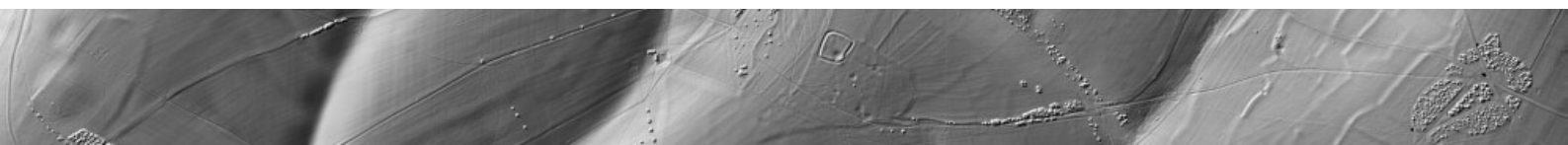


Downloading QGIS

This guide is designed to help you download the latest version of GIS for your operating system. You will need an internet connection to download the software.

QGIS is a cross-platform software which means it can run on a number of different operating systems including Windows, Mac and Linux. Below are instructions for our recommended way to install QGIS on Windows (page 2) and Mac (page 6), instructions for a range of different linux OS can be found here <https://www.qgis.org/en/site/forusers/alldownloads.html#id6>.

They might seem a little long winded but it is important to bear with them as these are the most reliable way of making sure everything works out of the box.



Installing QGIS for Windows using OSGeo4W

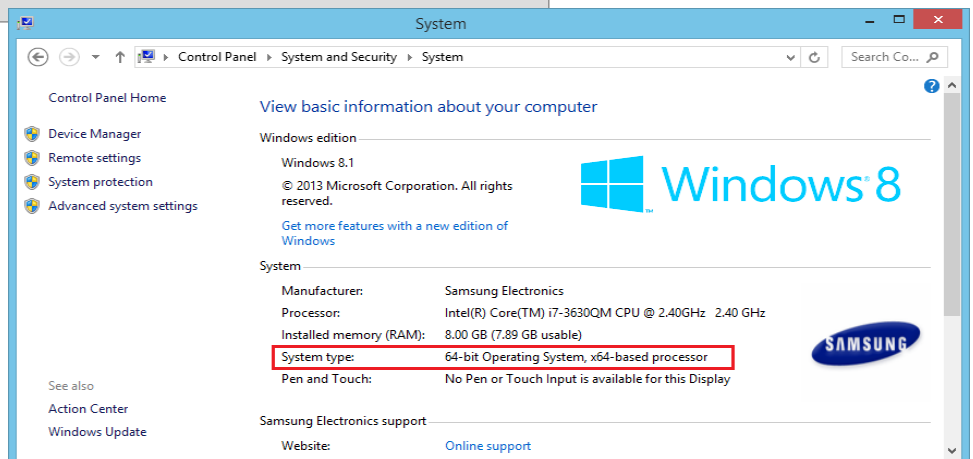
We will use the OSGeo4W site to download QGIS rather than QGIS directly as OSGeo4W downloads any additional all the dependencies (other pieces of software that may be needed) for us, and will allow us to easily add more software as our GIS knowledge grows.

1. Go to OSGeo4W <http://trac.osgeo.org/osgeo4w/>
2. Locate the installer under the **Quick Start for OSGeo4W Users** heading
3. Select the installer that is right for your system 32bit or 64bit (if in doubt pick 32bit or check your computer following the instructions below) and save to your computer.

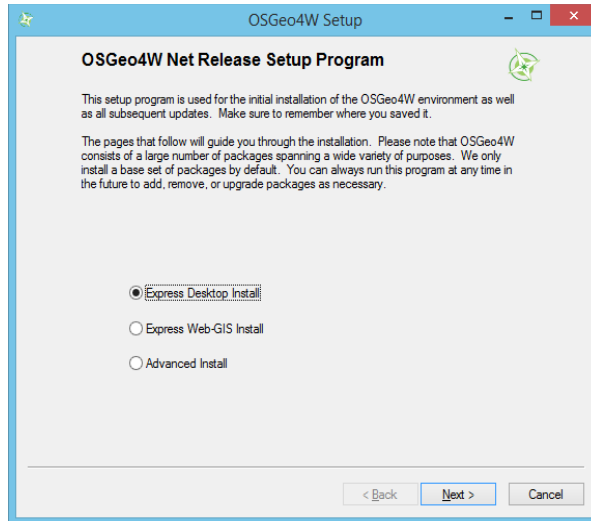
How do I find out if my computer is 32 or 64 bit?

Windows

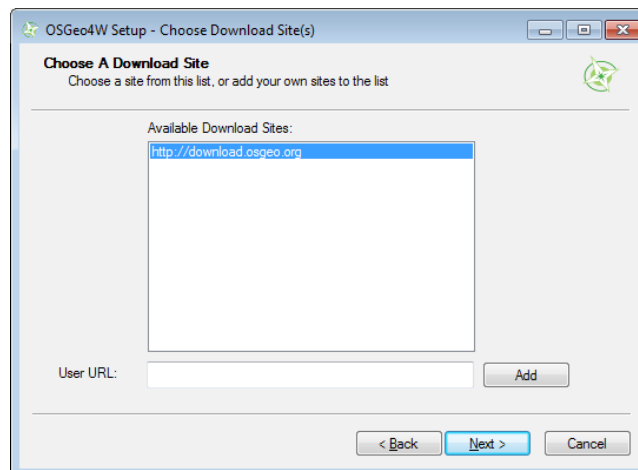
- 1) Open a file explorer
- 2) Navigate to Control Panel\System and Security\System
- 3) Under System > System Type your processor type will be displayed.



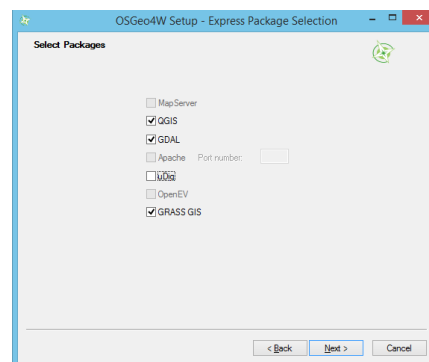
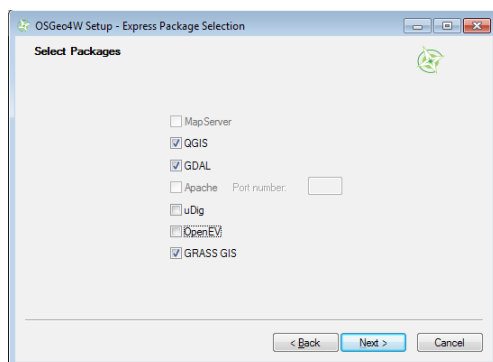
4. Open the installer by double clicking on the osgeo4w-setup-x86.exe (sgeo4w-setup-x86_64.exe for 64bit users)
5. Click Yes to the user account control notification
6. On the Setup Screen select Express Desktop Install and Next



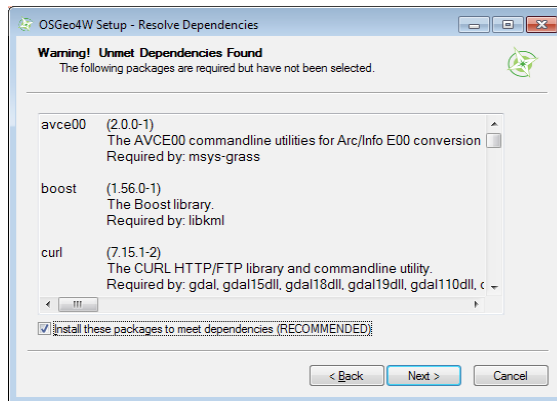
7. Select the default download location and click next



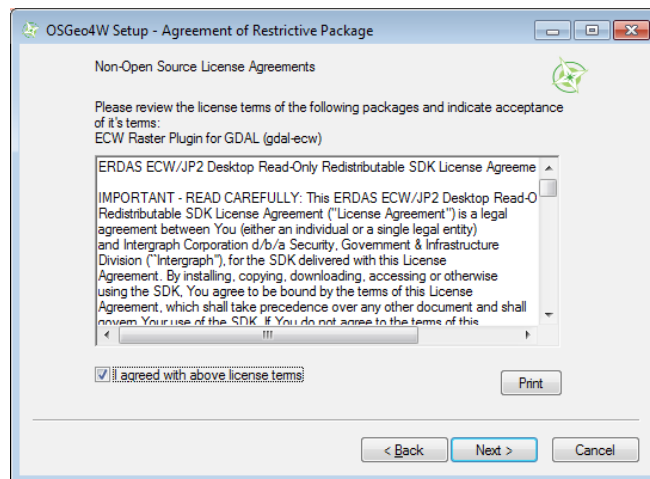
8. We will install three packages QGIS, GDAL and GRASS so uncheck the others. NB the range of packages will differ slightly between 32bit [left image below] and 64 bit [right image below]



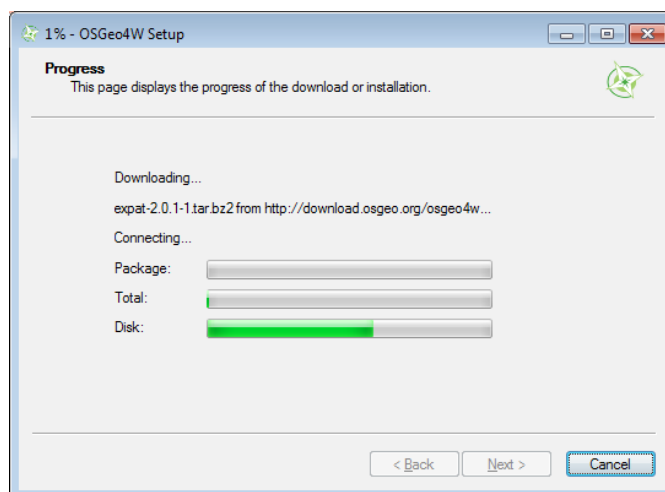
9. You will be asked to install additional packages – check the box and click next



10. You will then be asked to agree to the licences for a number of non-open source formats such as ECW. Check your agreement and click Next.



11. The software will now install – this can take a little while on the first time so now might be a good opportunity for a tea break!



12. Click finish on the final window to complete the installation. The OSGeo4w installer will create the QGIS and GRASS icons on your desktop



Installing QGIS for Mac using kyngchaos

Downloading QGIS for Mac is a little more complicated since QGIS as you will need to download the additional dependencies separately. Simply downloading the QGIS package that matches your operating system will work but QGIS will not function as well.

1. Navigate to the download site <http://www.kyngchaos.com/software/qgis>
2. Before you can install QGIS you will need to install some frameworks. Under the Requirements heading, download the GDAL 1.11 complete and Matplotlib Python frameworks and install them.

The screenshot shows the KyngChaos Wiki page for QGIS. The page title is "QGIS". The main content area is titled "QGIS" and contains the following text: "Mac OS X installers for QGIS. For OS X Lion and newer. Install the Current version to stay up to date on features. Install the Long Term Support version for feature stability for a year." Below this, there are sections for "Current", "Requirements:", "Optional:", and "Download:". The "Requirements:" section is highlighted with a red box and lists: "GDAL Complete 1.11 framework package" and "Matplotlib Python module". The "Optional:" section lists: "other Python Modules for plugins". The "Download:" section lists: "QGIS 2.10.1-1 [177.2 MiB]". Below the download section, there is a note: "See the QGIS website for more information about, and help with, QGIS." and "QGIS includes its own internal copies of GRASS, Orfeo Toolbox, SAGA and TauDEM." On the right side, there is a "Table of Contents" with links to "QGIS", "Current", "Long Term Support", and "Development Builds". On the left side, there is a "Main Menu" with links to "Anime & Manga", "eBooks", "Gallery", "Mac OS X Porting", and "Software". Below the "Main Menu" is a "Software Menu" with links to "SumomOS", "UNIX Porting Downloads", "Frameworks", "GRASS GIS", "QGIS", "PostgreSQL", "PHP", "MapServer", "Python Modules", and "Download Archive". At the bottom left, there is a "FAQ" link.

3. Under the Optional heading, click on other Python Modules (<http://www.kyngchaos.com/software/python>) download and install the modules listed
4. Now you're ready to download QGIS itself <http://www.kyngchaos.com/files/software/qgis/QGIS-2.10.1-1.dmg>
5. If you also want to install GRASS the frameworks and software you need are listed here <http://www.kyngchaos.com/software/grass>
6. As with QGIS make sure you install the frameworks **before** installing GRASS <http://www.kyngchaos.com/files/software/grass/GRASS-6.4.4-3-Lion.dmg>