**Odoo installation guide for windows**

**System Requirements**

* Windows 7 or later (64-bit)
* At least 4 GB of RAM
* At least 2.0 GHz dual-core processor
* At least 20 GB of free disk space

**Installing Odoo in Windows using Odoo source code**

Download zip folder / git clone repository from <https://github.com/odoo/odoo/tree/16.0>

Extract folder where you want if you download zip folder.

Git clone : **Download Odoo Source Code**

* Open the command prompt.
* Go to the directory where you want to take a clone of Odoo’s source code.
* Take a clone using the command (HTTPS).

git clone <https://github.com/odoo/odoo.git> --single-branch -b 16.0

**Install Python**

* Download the Python installer from [www.python.org/downloads/](http://www.python.org/downloads/).
* Double-click and run the downloaded file.
* In the installation wizard, check the checkbox Add python.exe to PATH and then Install Now.
* If you have checked the checkbox **Add python.exe to PATH**, it will automatically set the path, and it will show the notification of successful installation.

**Install PostgreSQL (12 or newer version)**

* Visit the [PostgreSQL download website](https://www.postgresql.org/download/windows/) and click on **Download the Install**
* You will be redirected to the [EDB website](https://www.enterprisedb.com/downloads/postgres-postgresql-downloads).
* Click on the download button beside the PostgreSQL version greater than or equal to 12.14.
* Run the installer and follow these steps:
* Choose the installation directory.
* Select the components to install (keep the default selection).
* Set the password for the PostgreSQL superuser account (postgres).
* Set the port to 5432 (default).
* Finish the installation process.
* Add PostgreSQL to the system's PATH:
* Go to **Control Panel** > **System** > **Advanced system settings** > **Environment Variables**.
* Under **System Variables**, find and select **Path**, then click **Edit**.
* Add the PostgreSQL bin directory (e.g., C:\Program Files\PostgreSQL\12\bin).

**Create a new PostgreSQL user**

Although there is already one PostgreSQL user, Odoo does not allow a user to connect due to security reasons. We will need to create a new user. For example, “Odoo”, which we will use in the future to start the Odoo server.

* Go to pgAdmin.
* When prompted, enter the PostgreSQL password (the password that we have set during installation).
* Double-click the PostgreSQL server to establish a connection.
* Go to **toolbar > Object > Create > Login/Group Roles**.
* Provide the appropriate username (use **Odoo**) in the field **“Role Name”**.
* Inside the Definition tab, type in a new password.
* Then go to the Privileges tab, toggle the Can log in and Create Database to set them to true, and then Click the Save button.

**Install Dependent Libraries**

In the command prompt, go to the recently cloned Odoo repo where the requirements.txt file is located and run the commands:

pip install setuptools wheel

pip install -r requirements.txt

**Download and install wkhtmltopdf**

Go to <https://wkhtmltopdf.org/downloads.html> and download the executable file.

Double-click to run the executable file and the pop-up will appear for permission, click “Yes”.

Then the installation wizard will open, here we have to click “Next” until the installation process is completed, and finally, click “Close”.

**Odoo Configuration**

* Navigate to the Odoo directory where you downloaded or extracted it.
* Open the odoo.conf file or create one inside C:\Program Files\odoo16\ with the following content:

[options]

addons\_path = C:\Program Files\odoo16\addons

db\_host = localhost

db\_port = 5432

db\_user = odoo

db\_password = your\_password

* Adjust paths according to your installation.

**Configure Odoo & Start the Server**

* Open the command prompt, visit the Odoo directory, and locate the Odoo-bin file.
* Run the command:

python odoo-bin -r db\_user -w db\_password --addons-path= addons\_path -d demo\_db

* Here db\_user is the newly created database user (choose it Odoo) and db\_password will be its password (Odoo). addons\_path mentioned in odoo.conf file
* Go to the browser and in the address bar, type localhost:8069 and hit enter.
* In the login screen, enter your email (**admin**) and password (**admin**) and Hit “Login”.

python odoo-bin -r odoo -w 1234 --addons-path=C:\Users\Redian\Documents\odoo-new\odoo-16.0\addons -d DB4

For odoo mail server configuration's app specific password:  
<https://myaccount.google.com/apppasswords?pli=1&rapt=AEjHL4PSYpWQakutMgckYyfaRUi9ieYBmL-v0Ve8SjSNAJX7e_WtzDVGv59PYpmZx6d5phGfwPre2s2uSVYoJ_0yu6tLHZkFPgPPxcB1D8HxUM3fzazk8IM>