

# My Centos does not have X Windows, how do I install it?

I haven't installed any graphical interface like X Window on Centos, and found its solution how to install it for my personal purpose. Please take a look below steps to install "Gnome Shell" as a main graphical interface.

## STEP 1. Install X Window System

```
yum groupinstall "X Window System"
```

## STEP 2. To add the Gnome Shell desktop on CentOS 7, you would do:

```
yum install gnome-classic-session gnome-terminal nautilus-open-terminal control-center liberation-mono-fonts
```

This would provide you with a minimal Gnome Desktop environment. You do have to do a couple of other steps:

```
unlink /etc/systemd/system/default.target  
ln -sf /lib/systemd/system/graphical.target /etc/systemd/system/default.target
```

This will allow it to start on boot as you are setting it for the default boot target runlevel.