Pull down the SD card image found at http://krtkl.com/downloads/ which contains the Ubuntu 16.04 file system. Once the system boots up, perform the below operations.

vi /etc/wpa\_supplicant.conf

|  |
| --- |
| ctrl\_interface=/var/run/wpa\_supplicant  ctrl\_interface\_group=0  update\_config=1  network={  auth\_alg=OPEN  key\_mgmt=NONE  mode=0  ssid="RIT-Legacy"  } |

|  |  |
| --- | --- |
| Update the repositories | apt-get update |
| VI Editor | apt-get install vim |
| Xrdp | apt-get install xrdp |
| XFCE | apt-get install xfce4 [yes to PAM] |
| XFCE Terminal | apt-get install xfce4-terminalX |
| Samba | apt-get install samba |
| ssh | apt-get install ssh |
| qt4 | apt-get install qt4-dev-tools |
| pyqt | apt-get install python-qt4 |
| Open CV | apt-get install libopencv-dev |
| Python open cv | apt-get install python-opencv |
| Pyqt dev IDE | apt-get install spyder |
| Qt gui | apt-get install qtcreator |

|  |
| --- |
| **Configure Samba** |
| etc/samba/smb.conf. Add the below lines to the profile section right above the printers |
| [Snickerdoodle]  path = /snickerdoodle  guest ok = yes  browsable = yes  create mask = 0775  directory mask = 0775  read only = no  force user = root  force group = root |
| cd /etc/init.d |
| service smbd start |