

# Xenial

## bootable USB

Create usb bootable from iso

```
cp xenial.iso xenial-copy.iso
isohybrid xenial-copy.iso
dd if=xenial-copy.iso of=/dev/sd?
```

## ssh

See <https://www.gentoo.org/support/news-items/2015-08-13-openssh-weak-keys.html>

Re-enable ssh-dss key in /etc/ssh/sshd\_config

```
PubkeyAcceptedKeyTypes+=ssh-dss
```

~/ssh/config

```
Host *
  PubkeyAcceptedKeyTypes+=ssh-dss
  HostkeyAlgorithms+=ssh-dss
  KexAlgorithms diffie-hellman-group1-sha1,diffie-hellman-group-exchange-
sha256,diffie-hellman-group14-sha1
```

## post install

disable non needed packages

```
sudo apt-get -y remove modemmanager
```

must

```
sudo apt-get -y install pigz vim inxi iftop htop xclip
```

unity must

```
sudo apt-get -y install compizconfig-settings-manager compiz-plugins
indicator-multiloader
```

non free

```
sudo apt-get install ubuntu-restricted-extras
```

```
sudo apt-get install linux-firmware-nonfree
```

java

```
sudo apt-get install default-jre icedtea-plugin
```

for skype indicator

```
apt-get install sni-qt:i386
```

kernel backport

```
sudo add-apt-repository ppa:canonical-kernel-team/ppa  
sudo apt-get update
```

## diodon

```
sudo add-apt-repository ppa:diodon-team/daily  
sudo apt-get update  
sudo apt-get install diodon unity-scope-diodon
```

For GNOME/Unity this can be done by opening Keyboard app through the Dash/Activities overview. There you go to Shortcuts → Custom Shortcuts and add a new one with the name “Diodon” and command “/usr/bin/diodon”. Afterwards assign your preferred hotkey and you are done.

## terminology

```
sudo add-apt-repository ppa:enlightenment-git/ppa  
sudo apt-get update  
sudo apt-get install terminology
```

## owncloud

[here](#)

## nodejs

```
sudo apt-get install python-software-properties  
curl -sL https://deb.nodesource.com/setup_5.x | sudo -E bash -  
sudo apt-get install nodejs
```

## WIFI hack after suspend/resume

/etc/pm/sleep.d/12\_wifi (chmod +x)

```
#!/bin/bash
case $1 in
    "resume")
        iwlist scan
    ;;
esac
```

## Epson L355

After installing linux drivers I had to make this symbolic link

```
ln -s /lib64/ld-linux-x86-64.so.2 /lib64/ld-lsb-x86-64.so.3
```

## NAC

edit /etc/NetworkManager/system-connections/UNIVR to add password field as below

```
[802-1x]
altsubject-matches=
eap=peap;
identity=scpsfn29
phase2-auth=mschapv2
password=...
```

## Routers Mikrotik

Xenial support by default RSA ssh keys but mikrotik > 6.31 has to be enabled

```
/ip ssh set strong-crypto=yes
```

## Maintenance

Purge old kernels (install bikeshed package before)

```
purge-old-kernels
```

# ASUS UX305U

## intel firmware

- <https://01.org/linuxgraphics/intel-linux-graphics-firmwares>

```
cd /tmp
wget https://01.org/sites/default/files/downloads/intelr-graphics-
linux/sklgucver61.tar.bz2 && \
tar xvjf sklgucver61.tar.bz2 && cd skl_guc_ver6_1/ && sudo ./install.sh

cd /tmp
wget https://01.org/sites/default/files/downloads/intelr-graphics-
linux/kbl_dmcver101.tar.bz2
tar xjvf kbl_dmcver101.tar.bz2 && cd kbl_dmc_ver1_01/
sudo ./install.sh --install

sudo update-initramfs -u -k all
```

## brightness

```
apt install xdotool
```

```
GRUB_CMDLINE_LINUX_DEFAULT="quiet splash acpi_osi="
```

create keyshorcuts on

```
xdotool key XF86MonBrightnessUp
xdotool key XF86MonBrightnessDown
```

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<https://wiki.csgalileo.org/> - Galileo Labs

Permanent link:  
<https://wiki.csgalileo.org/tips/ubuntu/xenial?rev=1479205731>

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