

# Installing SuSE Linux 8.x with a USB CD-ROM



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## Equipment used:

**Celeron 366 mhz laptop**

**Philips Magnavox USB Jackrabbit CD-RW**

**SuSE Linux 8.0 8.1 8.2**

**Built in Floppy Drive**

**I tried this method with SuSE Linux because it is the only distribution that I use. This method may work with other distros but I have no others so I do not know how well it may work.**

## PREPPING THE COMPUTER

**First, take out your CD-ROM. Turn on your machine and set the BIOS to boot from the Floppy drive. Plug in your USB cable and the Powercord into your CD-ROM. Next, boot into your installed OS and have your SuSE CD-ROMS ready to make the boot disks and module disks.**

## CREATING THE BOOT AND MODULE DISKS

**Put in your first CD-ROM, next open a terminal window and type the following:**

```
cd /where_CD_1_is_located/boot/
```

**Put in a blank floppy disk and type:**

```
dd if=bootdisk of=/dev/fd0u1440
```

**This will create your boot disk.**

**Next we will create the Module floppy disks. Insert your 1st CD-ROM and type the following:**

```
cd /where_CD1_is_located/boot/
```

**Now insert a blank floppy disk and type the following:**

```
dd if=modules1 of=/dev/fd0u1440
```

**Module1 is required because that enables the USB and FireWire interface. In all cases where a laptop is used and you have PCMCIA module4 is required as well. For a more indepth lists of modules read modules[1234].txt located on your 1st CD. Different machines require different modules and you must use separate disks to create each module disk.**

## **INSTALLATION**

**With your disks all prepped, you are ready to start your installation. Insert CD 1 into your CD-ROM drive and insert your boot floppy into the floppy drive. Now, boot the machine. Pick Installation from the top of the menu and proceed. At this point it will start loading the kernel on the floppy. At 35% it will ask you for the module1 disk, insert the disk and press enter. After that module is loaded it will continue to load the linux kernel. After the Braille locate, linuxrc will come up on the screen asking you for the module4 disk. Insert the disk and press enter. Linuxrc will list the new modules and will continue to load itself. Now if everything goes well you will come up to the actual YaST installer. Choose your language and now everything will continue to load as usual. Choose your packages and partitioning schemes. Finally, start your installation. The average install will take 40 -45 minutes, if you choose to install all packages install will take 1 hr 30 minutes to 2 hrs depending on the speed of your processor.**