

DVD WRITING FROM LINUX

Four Precision 670 Workstations (with 2x3.8GHz cpu's) have internal **DVD+/-RW** drives. I have found that DVD write performance varies a lot depending on the quality and type of media. My 4x DVD+R disks burned at only a 2.4x rate (the K3B application reports this). DVD-R 4x disks were about 25% slower. It took least 25 minutes to Burn and Verify about 1.8GB of data. You do save about half the time if you choose not to verify. These drives "should" write +R disks at speeds up to 16x if you can find the right media and they are "listed" as supporting up to 8x +R DL write speeds. Please do not count on these performance numbers! Your mileage may vary!! Also, I do not recommend +RW or -RW disks for any important data. At these data rates, this should NOT be the primary method of backup used for raw data collected at SBC.

The process described below is one method of burning DVD's on these Linux systems:
ALMOND, GOLD, MAGENTA and OLIVE.

- Insert a blank DVD into the drive and select Applications > Sound & Video > **K3b**
- Accept the defaults if a "First-time speed verify" dialog pops up.
- Select New Data DVD Project
- Rename the Project as desired
- Drag and drop the desired directories and files as instructed in the project GUI. Please pay close attention to the space limitations of your media as indicated by the GUI.
- Click the "burn" button in the GUI
- Check "Verify written data" if desired
- Click "burn" to begin
- Look for the "SUCCESS" message
- Remove and label your DVD
- Click done (save the project if you wish)