

Upgrading the Firmware on the Datamax I-Class

To perform this Upgrade you will need the I-class Flash disk. These steps must be performed on the main console.

1. Insert the disk in the floppy drive.
2. Create a directory for the upgrade files by typing **mkdir /mnt/floppy**
3. Mount the floppy in the /mnt/floppy directory by typing **mount /dev/fd0 /mnt/floppy** If the directory already exists you will not need to create it
4. Change directories to /mnt/floppy by typing **cd /mnt/floppy**
5. Run the flash program by typing **./flash**
Follow the onscreen instructions.
6. When asked if you are sure you want to do this - answer **y** and press **enter**
7. Check the LED display on the front of the printer. If it says ready answer **y** when asked.
8. Ensure you have a cable connecting the centronics port on the printer to the 25 pin parallel port on the back of the server. After you do this press the **enter** key.
9. You may be asked to set up a parallel port. This must be done before you continue. Answer **y** only if you are able to reboot the system immediately. Otherwise, answer **n** and wait until a time when you will be able to reboot.
 - a. After answering **y** to setting up a parallel port, answer **y** again to confirm you are able to reboot.
 - b. Choose **1** to add a parallel port
 - c. Choose **1** to use the address 378-37f
 - d. Press **enter** to choose the default interrupt of **7**
 - e. Answer **y** to create a new kernel now
 - f. Answer **y** to boot the kernel by default
 - g. Answer **y** to rebuild the kernel environment
 - h. Remove the floppy and restart the system by typing **shutdown -g0 -y -i6**
 - i. When the system comes back up, start back at the beginning of this document.
10. Press enter when informed that the firmware will now be upgraded. Messages will appear on the screen that inform you of what should be displayed on the LED display. The program will inform you when it has finished upgrading the firmware.