

D380 LX Install from USB boot stick

This procedure describes how to install Linux from USB boot stick

Requirements

The following is required.

1. One ThinPATH Systems Tisio USB RecoveryOS Boot Stick.
2. One D380 device.

Creating USB RecoveryOS Boot Stick

1. Download Tisio USB boot stick files and the BIOS update files from the following location.

`ftp://tpsys1.tp-sys.com/pub/support/marty`

The files to download:

- Tisio-usb-stick-1.6.5.960.zip
- tcc_kits.rar

2. Download the “HP USB Disk Storage Tool”. Search Google for “HP USB Disk Storage Tool”, download and install it on a PC. Once downloaded installed, run the program.
3. From the “HP USB Disk Storage Tool UI” Select create DOS boot startup disk and point to the files in the Tisio-usb-stick-1.6.5.960.zip image.
4. Once made, copy all files over to the USB stick that are in the Tisio-usb-stick-1.6.5.zip image.
5. In the file tcc_kits.rar there are two files, copy the two xpfam01.* files to the “os” directory on the USB stick. The USB stick is now ready to use.

Install LX OS on D380 from USB Boot stick

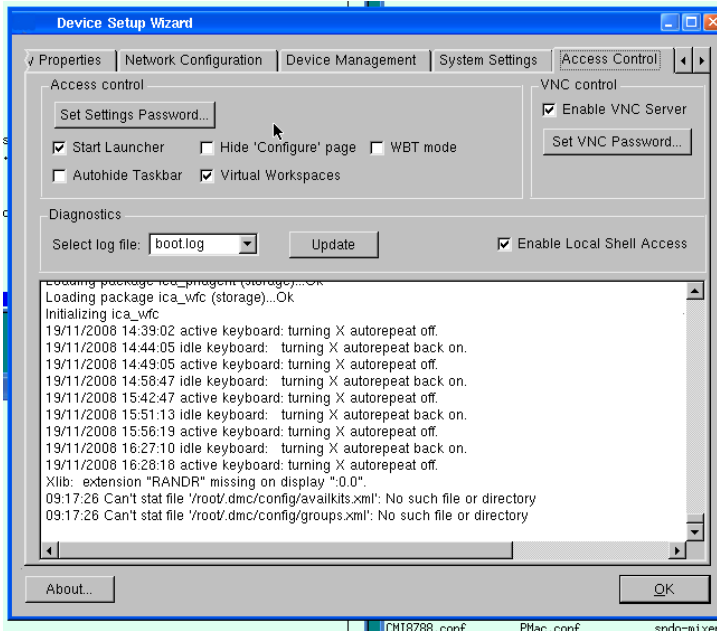
The procedure will use the Tisio USB RecoveryOS Boot Stick to boot to DOS prompt enabling the BIOS to be updated.

Configure D380 to boot from USB RecoveryOS Stick.

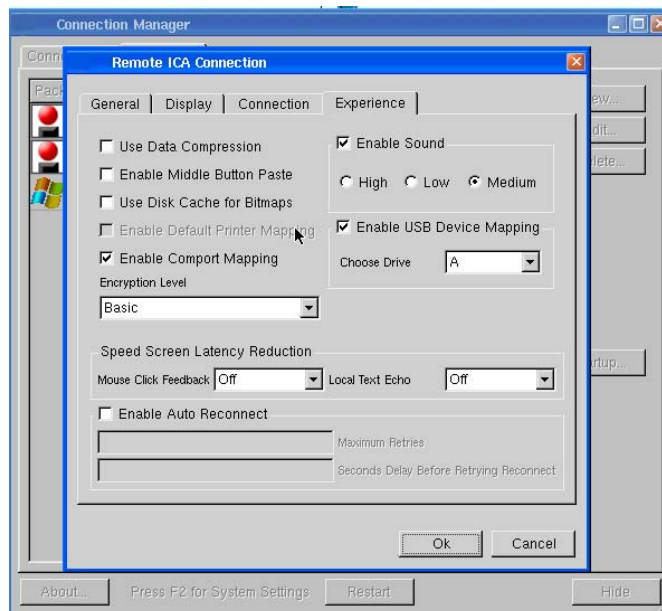
- 1) Plug the Tisio USB RecoveryOS Boot Stick into the front of the Tisio 96 device.
- 2) Turn Tisio device on and Press the “F2” key when the first PC BIOS screen is displayed.
- 3) Select “Hard Disk Boot Priority” and press Enter.
- 4) Press the + or – keys on the keypad to change the priority of the Hard Disk Boot Priority. The + key moves the item up one place in the list. Change the order as shown below.
 1. USB-HDD : KingstonDataTraveler 2 or what ever your USB device is.
 2. Ch0 M. : 128 MB ATA Flash Drive
 3. Bootable Add-in Cards
- 5) Save settings and exit to reboot device.
- 6) Next, go to the next section on “Installing the D380 LX OS image” to the Flash memory.

Installing D380 LX OS image

- 1) On boot of the D380 device with the USB RecoveryOS Stick connected to the front of the USB port, the Menu below will be displayed; if not follow the steps under **Configure D380 to boot from USB RecoveryOS Stick** above.
 1. Partitioning...
 2. Format and Loading Operating System
 3. Recovery System (Update Only)
 4. DOS command prompt.Select [1,2,3,4]:
- 2) Press 1 to make partition 1 and 2 on the DOM.
- 3) Next wait for the device to automatically reboot and display the menu again listed above. This time select “**2. Format and Loading Operating System**” and wait for the next menu after Partition 1 is formatted and loaded with the RecoveryOS files.
 1. Install WinCE
 2. Install WinXPe
 3. Install Linux
 4. DOS command prompt.Select [1,2,3,4]:
- 4) Select “**1. Install Linux**” and wait for the OS to install, it may take up to 5 min.
- 5) When this completes you will be prompted with a message the installation was successful and to pres Ctrl-Alt-Del to reboot the D380. Remove the USB stick at this time.
- 6) Reboot the D380 and wait for Model selection menu and select Tisio 96.
- 7) Next it displays the Setup Wizard. In set make sure you check “Enable Local Shell”, so you can open a local shell window for troubleshooting at the next reboot. Click on Terminal Icon in task bar. You can also enable VNC Server to be able to connect via VNC Viewer. Password is “remote” by default.



- 8) To create a ICA window, In connection Manager window select the Configure tab and select new, next pick “ICA” and enter a connection name. IN the ICA wizard, enter the ICA server name or IP address. Change ICA screen size to smaller than screen to make troubleshooting easier.
- 9) In the ICA wizard select the Experience Tab and Enable ICA sound and set to Medium. Select OK to finish ICA connection.



- 10) Select the Connection tab and double click on the ICA connection or select it from the start menu. Login to ICA server and play sound.