



PIXIL™ Thin Client

Linux-based Operating Environment for Thin Client Terminals

PIXIL THIN CLIENT EVALUATION DOWNLOAD

Century Software, Inc. (<http://www.centurysoftware.com>) has put together an ftp site for downloading evaluation versions of the PIXIL Thin Client solution. **PIXIL Thin Client is a complete Linux-based firmware operating environment for the Dell ThinPC**, configurable to boot from local USB flashkey or the network using a standard PXE server. It includes Citrix ICA and Microsoft RDP access to Windows, X Server access to UNIX, and an optional local internet browser. No client hard drive or Microsoft operating system required.

This document details instructions for accessing the PIXIL ftp site, and gives instructions for selecting the proper image to download, since different images may be required for different boot mechanisms.

HARDWARE REQUIREMENTS

Current hardware requirements are:

- ◆ Dell Optiplex GX620, GX520, SX280, GX280, SX270, GX270, GX60 or GX1.
- ◆ 128Mb RAM, no hard drive or other media.
- ◆ USB mouse, USB or ps/2 keyboard.
- ◆ PIXIL can also be demonstrated on the D600 laptop, booting from USB.
- ◆ The Optiplex systems require BIOS revisions dating from June 2004.

DOWNLOAD INFORMATION

- ◆ **Download Address:** <http://www.centurysoftware.com/dell/getpixil.php>
- ◆ Please check your email for login information.
- ◆ You can use any common browser to download the files from this site.

THERE ARE CURRENTLY TWO IMAGES ON THE FTP SITE, ONE FOR USB BOOT, AND ONE FOR PXE BOOT.

- ◆ The simplest approach is to download the USB boot version .zip file, and use the included FlashWrite utility on a Windows XP box to write the boot image to a USB 64MB (min) flash device. Then, the flash device is used to boot the PC.
- ◆ Complete instructions are included in the .zip README.txt file.
- ◆ pixil-tc-32-usb-opti-win-moz-n.nn.xxx.zip - USB boot, mozilla browser, IBM TE.
- ◆ pixil-tc-32-pxe-opti-win-moz-n.nn.xxx.tar.gz - PXE boot, mozilla browser, IBM TE.
- ◆ When setting up the USB boot, the machine's system BIOS must be set to boot from USB, and the Video Memory must be set for 8MB.
- ◆ BIOS revisions date June 2004 and later are required.
- ◆ Basic instructions for PXE boot are included for those knowledgeable about PXE booting.

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