



i n v e n t

Creating a Microsoft® Windows® XP 64-Bit install CD

Summary

HP provides a Windows Recovery DVD with Intel® Itanium® 2-based (zx) workstations that are ordered with Microsoft Windows XP 64-Bit Edition Version 2003. The Recovery DVD provides a simple, one-button method to reinstall the operating system with all the required device drivers. In addition, the Recovery DVD includes the individual device drivers and the Windows operating system files to assist in repairing or manually reinstalling the system. Even with this flexibility, you might desire a standard installation CD to perform a manual installation of Windows XP 64-Bit Version 2003. HP is not permitted to provide two sets of media with the Microsoft operating system per system, but it is possible to create a standard installation CD from the contents of the Recovery DVD. This document describes the steps required to create an installation CD from the contents of the Recovery DVD.



You are required to comply with all applicable Microsoft and Hewlett-Packard software license agreements. You may not use the installation CD or Recovery DVD to install Windows XP 64-Bit Version 2003 on a system not covered by the applicable license agreements.

Structure of a standard installation CD

The standard Windows XP 64-Bit Edition Version 2003 installation CD has a small bootable section and a data section. The bootable section of the CD includes the operating system loader *setupldr.efi*. The data portion of the install CD is the typical directory structure from a Windows XP CD. The HP Recovery DVD has a *Source* directory that contains the data section of the Windows XP 64-Bit Edition Version 2003 installation CD. You can create an installation CD by including the Windows loader *setupldr.efi* in the bootable section and the contents of the *Source* directory in the data area of the CD.

Before you begin

You need the following items to create your own installation CD, depending on the software you are going to use.

- HP Windows XP 64-Bit Edition Version 2003 Recovery DVD, included with your zx workstation.
- A computer equipped with the following:
 - DVD drive to read the Recovery DVD
 - Properly installed CD burning or CD image file creation software capable of creating a bootable CD (El-Torito)
 - CD R+W drive to make the installation CD
 - Sufficient hard drive space for the *Source* directory from the DVD
 - Diskette drive and blank diskette if required by your software
 - Sufficient hard drive space for the resulting CD image file or for temporary files created during the process.

Creation of installation CD

Below are the general steps for creating an installation DVD. Note that these steps are dependent on the particular CD burning or CD image file creation software you use.

1. Insert the HP Windows XP 64-Bit Edition Version 2003 Recovery DVD into the computer.
2. Copy the entire *Source* directory from the Recovery DVD to the computer.
3. Insert a blank diskette in the drive. Copy the *setupldr.efi* file from the *Source/IA64* directory to the diskette.

This assumes your CD creation or CD image file creation software requires a diskette for making the bootable portion of the CD.

4. If making a CD directly, insert a blank CD in your CD R+W drive.
5. Start your CD burning or CD image file creation software.
6. Choose to make a bootable CD (El-Torito specification). Commonly, you must select what device to use for the bootable source. In this case choose the diskette drive where you copied the *setupldr.efi* file.
7. In the CD burning or CD image file creation software, add the entire contents of the *Source* directory you copied to your hard drive as the data portion of the CD. Do not include the *Source* directory itself, only the files and all directories.
8. Start the CD or CD image file creation process. If you are making a CD image file, you are required to provide a file name for it.



The default settings in the CD burning or CD image file creation software for making a bootable CD are adequate for making a functional install CD, but your settings might need to be adjusted for it to work properly.

9. After creating the installation CD, test it on your zx series hp workstation.

Insert the installation CD in the zx workstation and boot the system to the EFI Shell. If properly created, the bootable section of the CD appears as one of the file systems (fsx:) in the drive mappings. Execute the *setupldr.efi* loader by entering it at the Shell prompt, and the Windows installation should begin. The installation process might remove all data on the system, so be sure you back up important data.

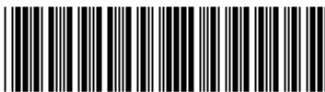
Conclusion

HP provides a Windows Recovery DVD with zx series hp workstation for conveniently reinstalling Windows XP 64-Bit Edition Version 2003. If a standard installation CD is required, one can be created by using 3rd party CD burning or CD image file creation software and the contents of the Recovery DVD.

Links

To purchase an hp Windows Recovery DVD for the zx series hp workstation, go to:

<http://www.hp.com/go/winxp64>



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