

Application Note

Installing MS Windows XP on a Dell M600 (10G) Blade

042

Overview

The following instructions describe the process for installing Microsoft Windows XP (32 bit) on to the Dell M600 (10G) blade.

Notes

XP cannot be loaded straight on to a 10G blade as it requires a raid driver to be installed so that XP will see the hard drives in the machine. You cannot do this in the usual way (using a floppy drive) as XP stops seeing the floppy drive part way through the install on a 10G blade. The solution to this is to add the driver into XP prior to loading it onto the blade.

Procedure

1. First off you need the Dell SAS raid controller driver Version 1.24.04.00 from the Dell website and an XP install CD
2. Next you need to use a utility such as nLite to modify the XP install image to include the driver
3. nLite will then write an ISO image of the modified installer that can be burned to disk
4. Boot the blade and press F11 to enter the boot menu
5. At the boot menu select "CD_ROM" and then when prompted press any key to boot from CD
6. Proceed with the XP install in the normal way
7. Once the install is completed you need to apply the network drivers (these are the same as for a 1955 blade [Bcom_LAN_NX2_26_W2K3_A01.exe])
8. You can join the blade to a domain once these are loaded
9. You will also need to apply the driver for the "Pseudo SCSI Device" once again this driver is the same as for the 1955 blade [DellBPA04.exe]
10. The one remaining driver is for the video card – this is an ATI card the same as in the 1955 blade and you can use the Windows 2003 Server driver from the Dell support listed under the M600 blade
11. Install all Windows critical updates and some virus protection