

Windows NT installation

The following instructions describe how to install HP SCSI Scanners in Windows NT. This installation process supports the HP ScanJet 4c, 3c, IIcx, IIc, IIp, and 3p scanners. The HP ScanJet and HP ScanJet Plus scanners are not supported under NT.

HP scanners work with most third party SCSI cards under NT. The HP ScanJet SCSI interface card C2502-66500 is also supported, but currently **requires the use of interrupt 5**. The HP ScanJet II interface cards (C1752-66500 or C1753-66500) are not supported.

These installation instructions assume you installed Windows NT using the default directory settings. If you did not use the default directory settings, substitute the drive and path you specified for installing Windows NT for the \WINNT in the following instructions.

For 16 bit applications:

Verify that the following files are present in their respective directories

HPSCAN32.DLL	\WinNT\system32
HPSCAN16.SYS	\WinNT\system32\drivers

Use NotePad to add the following line to the CONFIG.NT file:

```
device=%SystemRoot%\system32\drivers\HPSCAN16.SYS
```

Ensure that the registry contains the following entries:

From File Manager, Run regedt32

On the HKEY_LOCAL_MACHINE page, under \SYSTEM\CurrentControlSet\Services\Scsiscan, be sure that **Start:** value is **0**.

For 32 bit applications:

Verify that the following files are present in their respective directories

hpscnmgr.dll	\WinNT\system32
hpsj32.dll	\WinNT\system32
hpscnmgr.hlp	\WinNT\system32
hpscmtst.dll	\WinNT\system32
WNASPI32.DLL	\WinNT\system32
aspi32.sys	\WinNT\system32\drivers

Ensure that the registry contains the following entries:

From File Manager, Run regedt32

On the HKEY_LOCAL_MACHINE page, under \SYSTEM\CurrentControlSet\Services, add a key called ASPI32. Then add the following Values under that Key:

Value Name	Data Type	Data
ErrorControl	REGDWORD	1
Start	REGDWORD	2
Type	REGDWORD	1

On the HKEY_CURRENT_USER page, under \ControlPanel\MMCPL, add the following Value:

Value Name	Data Type	Data
HPScanJet	REG_SZ	\WinNT\system32\hpscnmgr.dll

If changes were made to the registry, then you must reboot your system for the changes to take

effect.

Installing the SCSI card drivers

If you are using a third party SCSI card, then you can skip this section. To use the HP ScanJet SCSI Interface C2502-66500:

Manually installing the Windows NT drivers for the HP ScanJet 3c SCSI interface card (C2502-66500 and C2503-66500)

1. Make sure that interrupt 5 is available (run Win NT Diagnostics in the Administrative tools group). If it is not available try to reassign the interrupt for the conflicting device. If you cannot, then you must use another SCSI card.
2. From Program Manager, run Windows NT Setup (usually in the Main group).
3. Under the Options menu, Select Add/Remove SCSI
4. When the SCSI ADAPTER SETUP dialog box appears, click the Add button.
5. In the SELECT SCSI ADAPTER OPTION dialog box, scroll down and select Other in the Adapter combo-box.
6. The INSERT DISKETTE dialog box appears. Insert the disk with the HP SCSI drivers into drive A:. Overwrite the drive path with A:\ and click OK.
7. The SELECT OEM OPTION dialog box appears. Select the NCR SDMS 53C400A SCSI Driver -- HP400NT - 3.00.02 and click OK.
8. You will return to the SELECT SCSI ADAPTER OPTION dialog box. Select the NCR SDMS 53C400A -- HP400NT - 3.00.02 option and click Install.
9. The WINDOWS NT SETUP dialog box appears -- asking for the full path to the OEM SCSI adapter files (A:\). Click Continue.
10. You will return to the SCSI ADAPTER SETUP dialog box. Click Close.
11. You will return to the WINDOWS NT SETUP dialog box. Select Exit from the Option menu.