

Installing Windows* NT 4.0 on the Intel® Server Board SE7500CW2

Update to BIOS 1.12 or later, and then follow the instructions below for a successful installation of Windows NT 4.0.

System Requirements

- SE7500CW2 Baseboard PBA number A87967-501 or later
- SE7500CW2 BIOS version 1.12 or later
- SE7500CW2 System Resource CD release A86335-004 or later
- Promise FastTrack100™ Controller driver version 2.00.0140.2 or later
- Blank or formatted IDE hard drive(s) attached to the RAID IDE connector(s)

Prerequisite

- Configure your RAID array on the Promise controller.

Windows* NT 4.0 Server and Service Pack 6a Installation

1. Press <F2> during POST to enter BIOS setup
2. Under the “Advanced menu,” configure the following settings:
 - a. Installed O/S: [NT4]
 - b. NT4 Installation Workaround [Enabled]
3. Press <F10> to save and exit BIOS setup
4. Insert the “Windows* NT 4.0 Server” CD into the CD-ROM drive
5. Press <F6> when the following message is displayed, “Setup is inspecting your computer’s hardware configuration ...”
6. Insert the “Promise FastTrack100™ Controller” diskette into the floppy drive then press <S>
7. Select “Other” then press <ENTER>
8. Press <ENTER> again to continue with the installation
9. Select “WinNT Promise FastTrak100™ Controller” then press <ENTER>
10. Press <ENTER> again to continue with the installation and follow the on-screen instructions
11. When prompted, remove the “Windows* NT 4.0 Server” CD and “Promise FastTrack100™ Controller” diskette from the system

Note: The system will reboot twice before resuming the Windows* NT 4.0 Server installation process.

12. When prompted, insert the “Windows* NT 4.0 Server” CD into the CD-ROM drive
13. Press <ENTER> to continue with the installation and follow the on-screen instructions
14. For the networking configuration, select “Do not connect this computer to a network at this time”
15. When prompted, remove the “Windows* NT 4.0 Server” CD from the CD-ROM drive
16. Press <F2> during POST to enter BIOS setup
17. Under the Advanced menu, configure the following setting:
 - a. NT4 Installation Workaround [Disabled]
18. Press <F10> to save and exit BIOS setup
19. Install “Windows* NT 4.0 Server Service Pack 6a” to update and patch the operating system

ATI Rage XL Video Driver Installation

1. Hold down the <Shift> key to disable the Autorun feature temporarily and insert the “SE7500CW2 System Resource CD” into the CD-ROM drive

*Other names and brands may be claimed as the property of others

2. Copy the “Drivers” directory from the “SE7500CW2 System Resource CD” to your local hard drive C:\
3. Click Start → Run and execute the following command “C:\Drivers\Video\WinNT\Setup.exe” and follow the onscreen instructions
4. After the installation is complete, remove the “SE7500CW2 System Resource CD” from the CD-ROM drive and reboot the system

Onboard Network Interface Card (Intel 82550PM NIC) Driver Installation

1. Hold down the Shift key to disable the Autorun feature temporarily and insert the “Windows* NT 4.0 Server” CD into the CD-ROM drive
2. Click **<Start>** → **<Settings>** → **<Control Panel>**
3. Double-click the **<Network>** icon
4. Click **<Yes>** to install Windows NT Networking components
5. Check the **“Wired to the network”** box then click **<Next>**
6. Click **“Select from list ...”**
7. Click **“Have Disk ...”**
8. Type in the following path “C:\Drivers\Nic1\WinNT” then click **<OK>**
9. Select **“Intel(R) PRO/100 Family Adapter”** then click **<OK>**
10. Click **<Next>** to continue with the installation and follow the on-screen instructions
11. When prompted for NT files, type in the following path “D:\I386” then click OK
12. After the installation is complete, remove the “Windows* NT 4.0 Server” CD from the CD-ROM drive and reboot the system