PRO2KXP.EXE

This file, Relnotes.rtf, is stored in the root of the archive extraction.

Requirements
Installation/Upgrade of Drivers
What's new in this release
Troubleshooting Installation
PROSet
Available Downloads (OSs, User Guides, Additional Features)
Known Issues
Disclaimer

Requirements

The PRO2KXPM (minimum) should only be used to update systems without PROSet installed. If PROSet is currently installed on the system, it must be updated with the full PRO2KXP.exe pack.

For Windows* 2000, we recommend installing SP4, and for Windows* XP we recommend installing SP1. If SP2 is installed in Windows XP, you will need to turn off the default Windows XP firewall to in order for PROSet to function correctly. Windows Server™ 2003 has no special requirements. Intel suggests you use the latest Service Pack available for your OS.

Installation/Upgrade of Drivers Contains the Following Sections (Choose 1)

Immediate Installation/Upgrade of Drivers on Local Machine
Install or Update Later
Creating driver Installation Diskettes
Manual Methods

Immediate Installation/Upgrade of Drivers on Local Machine

To install or update on this machine now, click the 'Install Software' button on the Autorun.exe screen or use the standard OS installation methods.

To Install or Update Later:

1. Click Start, Run and then browse to the directory where you extracted this archive.
2. Double-click Autorun.exe. Use the on-screen menu to complete the install.
3. Right Click on "My Network Places, Choose properties and finish configuring your network.

Creating driver Installation Diskettes

A batch file is supplied with this archive that will copy the minimum set of files (no PROSet) needed to install Intel PRO adapters. You will need blank 1.44 diskettes. To access from command line, select Start, Run, and then enter <archiveDirectoryName>\makedisk\make2KXP.bat and follow the prompts.

Manual installation:
1. Right click the My Computer icon and choose Properties, From Hardware tab, choose Device Manager.
2. Right click on Network Adapters and choose scan for hardware changes.
3. The Plug and Play Wizard should pop up. Follow instructions but don't select an Intel adapter from the list. Click on Have Disk.
4. Enter the path to the directory where you extracted this archive and click OK. Then follow the instructions to install the drivers. When the adapter is added, it appears in the Network adapters list.
5. Click OK and then Close. If prompted, restart Windows.

Optional Manual Update
1. Click the My Computer and choose Properties, From Hardware tab, choose Device Manager.
2. Right click on the adapter you wish to update under Network Adapters and choose Properties.
3. From the Driver Tab of the pop up, click the Update button.
4. Enter the path to the directory where you extracted this archive and click OK.
5. Follow the on-screen instructions to update the drivers.

Troubleshooting
-Make sure that you use the drivers from this archive.

- When updating base drivers, if PROSet was installed, PROSet needs to be updated also. If you have downloaded the minimum Web Pak, you will need to download the full Web Pak to obtain the updated PROSet files before being able to access the PROSet application.

-In your computer's BIOS settings, make sure "Plug and Play OS" is set to YES.

-Make sure the driver is loaded and the protocols are bound.

-Check the Windows* Event Viewer for error messages.

-If you are attaching to a NetWare* network, check your frame type and verify that NetWare client or server software has been installed.

-Test the adapter with the Intel PROSet advanced configuration utility or with the DOS diagnostic provided in the Tools Directory contained in this archive.

-Check with your LAN administrator - you may need to install supplemental networking software.

What's new in this release?

See "What's new in the 8.4 release?" on the Intel support site for more detailed information.

- Adapter teaming is now allowed in Windows XP. NOTE: After creating a team in PROSet, you must restart the system for the changes to work properly. This anomaly will be correct by Windows XP service pack 2 when it is released.

- Starting with this release, there are two separate INF files for 10/100 adapters. All current 10/100 adapters (released circa 1999 or later) are contained in the Windows certified INF. Obsolete 10/100 adapters are in a non-certified INF, but use the same driver set. These obsolete products cannot meet Microsoft's current WHQL requirements. See "What's new in the 8.4 release" for details and a list of non-certified adapters. **NOTE:** For this requiring a certified Windows driver set for these legacy products, the last certified set (release 8.3) has been retained on the Intel web site. They have been renamed PL2KXP.EXE (for the web pack containing base drivers and PROSet) and PL2KXPM (for the web pack containing base drivers only).

Intel(R) PROSet
To start Intel PROSet , double-click the Intel PROSet icon found either in the lower right hand corner of the screen or go to Start/Settings/Control Panel/Intel PROSET . To run diagnostics, select the adapter and click the Diagnostics tab, then click Run Tests. For additional information, click Help in the Intel PROSet window.

Available Downloads
OS downloads that are available at support.intel.com (Download Finder) include:
For Windows Server™ 2003 (64-bit Itanium® version)
      PROxp64.exe (base, PROSet and ANS)
      PROxp64m.exe (base drivers only)
      PXP64LA.exe (adds support for multiple languages to PROSet)
For Windows XP 64bit Edition (for Itanium® Processors)
      PROxp64.exe (base, PROSet and ANS)
      PROxp64m.exe (base drivers only)
      PXP64LA.exe (adds support for multiple languages to PROSet)
For Windows 2000, Server 2003 , XP Pro and XP Home (10/100 only):
      PRO2KXP.exe (base, PROSet and ANS)
      PRO2KXPM.exe (base drivers only)
      P2KXPLA.exe (adds support for multiple languages to PROSet)
For Windows NT* 4:
      PRONT4.exe (includes PROSet II)
For Windows 98SE and Me (10/100 and Gigabit Desktop), and 98 Retail (10/100 only):
      PRO98Me.exe (base and PROSet II)
      PRO98MeM.exe (base only)
For Windows 95 (10/100 only):
      PRO95.exe (base and PROSet +)
For NetWare:
      PRONWare.exe (base, ANS, ODI, and documentation)
For DOS (NDIS2, ODI) and OS/2:

PRODOS (base only)
For Linux:
 7 packs are available to cover base, ANS, SNMP, and configuration.
For UnixWare
7.x and OpenUNIX 8: 3 packs are available to cover base and ANS
For FreeBSD (gig only) Included in kernel 4.5 and older versions available at web site.
For Solaris 7&8 (gig only)
INTCGIGAE.pkg

USER GUIDES
User Guides may be viewed or downloaded at
http://support.intel.com/support/network/adapter/ under the specific adapter subsite along
with other documentation such as Late Breaking News.

ADDITIONAL FEATURE PAKS
There are a variety of downloads available at http://support.intel.com that add functions
and features to your Intel adapter. These include the following:

PROBOOT
This archive contains the latest Intel® Boot Agent code, along with Boot Agent related
tools, utilities and documentation.

PRORIS
This archive contains a program that adds a utility selection to the Windows Remote
Installation Services (RIS) menu. The utility selection gives access to the Boot Agent
configuration program and diagnostic programs during the RIS process. This add-on utility
is not required to perform a RIS installation.

PROADMIN
This archive contains tools and utilities for network administrators. It includes DOS and
EFI-based diagnostic programs, instructions and examples to assist unattended installs,
and a DOS utility that returns adapter information as environment variables to assist
scripted installs.

PROWMI
This archive contains the latest Windows WMI instrumentation agents for Intel PRO
adapters in Windows NT 4.0, Windows 98 SE and Windows Me. This archive is not
needed for Windows 2000, Windows XP and Windows Server 2003 as this function is
provided automatically by PROSet.

PSNMP32 and PSNMP64
This archive contains the latest Windows SNMP instrumentation agents for Intel PRO
adapters.

PRTPKT2
This archive contains Intel® Priority Packet II software. This package adds a user interface

allowing easy configuration for IEEE 802.1p prioritization and IP ToS (Type of Service) layer 3 tagging capability to Intel PRO adapters in Windows NT 4.0, Windows 98 SE and Windows Me. See the Priority Packet web site for details.

PRTPKT3

This archive contains Intel® Priority Packet III software. This package adds a user interface allowing easy configuration IEEE 802.1p prioritization and IP ToS (Type of Service) layer 3 tagging capability to Intel PRO adapters in Windows Server 2003, Windows 2000 and Windows XP. See the Priority Packet web site for details. **NOTE**: This product is not needed to use the QoS Packet Scheduler supplied with Windows.

KNOWN ISSUES:

Starting with this release, there are two Windows INF's for 10/100 adapters. One of them is Microsoft WHQL certified, the other is not. This is due to the fact that some obsolete 10/100 adapters can no longer meet modern WHQL standards. For a detailed explanation and a list, see "What's new in the 8.4 release?" on the Intel support site. If installing these drivers on a computer containing any of the non-certified adapters, you will be presented with a digital signature warning unless the system is configured to ignore digital signatures.

Adapter teaming is now allowed in Windows XP for Intel server class adapters. However, after setting up teams in Windows XP, you will need to reboot the computer for the changes to work properly. This will be corrected in Windows XP Service Pack 2.

After you have set up your team, PROSet allows you to check your switch for the correct configuration with the **Check Switch Configuration** button. Please allow a few minutes for the network to register the settings of your team before checking your switch configuration. Checking your switch configuration too quickly may result in a blue screen.

See the file WIREDPCI.TXT included in this archive for a comprehensive list of known issues and other important information.

Please visit http://support.intel.com and check the adapters subsite or use the Search Engine based on keywords.

DISCLAIMER:

This RELNOTES.RTF file as well as the software described in it is furnished under license and may only be used or copied in accordance with the terms of the license. The information in this manual is furnished for informational use only, is subject to change without notice, and should not be construed as a commitment by Intel Corporation. Intel Corporation assumes no responsibility or liability for any errors or inaccuracies that may appear in this document or any software that may be provided in association with this document. Except as permitted by such license, no part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means

without the express written consent of Intel Corporation.

*Other product and corporate names may be trademarks of other companies and are used only for explanation and to the owner's benefit, without intent to infringe.