White Paper

Contents

Microsoft Windows XP Pro Release Candidate 2 on Compaq Deskpro, iPAQ and Armada

Abstract: This document provides information for customers who are evaluating Windows XP Professional Release Candidate 2 on Compaq *Deskpro™* & *Armada™* products.

Windows XP Professional is the latest operating system available from Microsoft. Windows XP provides significant enhancements in the areas of user interface, remote access, migration and deployment, hardware and software compatibility, and PC Health features.

For details on Compaq's overall operating system strategy, operating system features, and the installation of additional Service Packs, please refer to the *Operating System Support for Compaq Desktop and Notebook Platforms* White Paper, available October 2001.

This document is intended for Compaq personnel and customers who are evaluating Windows XP Professional Release Candidate 2 on Compaq *Deskpro™*, *iPAQ™* & *Armada™* products, and applicable programs on selected Compaq products.

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Introduction

Microsoft Windows XP Professional delivers on the promise to integrate the security and stability of Windows 2000 with the usability and compatibility features that Microsoft has accumulated over the past 15 years of Windows OS development. Compaq has worked closely with Microsoft to design and test many of the key features in Windows XP Professional.

In order to provide our customers who are participating in Windows XP pre-release evaluations, Compaq has developed this white paper which includes a select list of tested products, along with installation tips and anomalies observed during testing. Compaq drivers and software will be available at www.compaq.com/support/files to support the 4th Quarter release of Windows XP.

Tested Products

Compaq is testing a wide variety of desktop, workstation and notebook families. This white paper provides information for the following select products:

- Desktops
    - Deskpro EX, EXS Series (i815)
    - Deskpro EN, EN (sff), EN (sff-v), EN (sff-na) Series (i815e)
    - iPAQ, iPAQ Legacy-Free (i815e)
    - Deskpro EXS Series (850)
- Notebooks
    - Evo Notebook N400c
    - Armada M700
    - Armada M300
    - Armada E500

Installation tips for Release Candidate 2

When installing Release Candidate 2, Compaq recommends the following considerations be made:

All Products

- Upgrade to the latest ROM version prior to Windows XP installation. ROM updates are available at www.compaq.com/support/files.

Desktops and Workstations

- All necessary hardware drivers for the systems listed above are include with Windows XP RC2.

- Some options may not be fully supported.

Notebooks

- Most necessary hardware drivers for the systems listed above are include with Windows XP RC2. Additional hardware enabling drivers can be downloaded at www.compaq.com/windowsxp. These include beta versions of:

  - Hot Key Support Software

  - Easy Access Keyboard Utility

- Some options may not be fully supported.

Known Anomalies

Communications

Anomaly:

Drivers for the Compaq WL100 and WL200 Wireless Network Interface Cards are not available.
Description:

Device drivers support Compaq WL100 Wireless PC Card and WL200 Wireless PCI Card NICs are not included with Windows XP or available for download at the time of publish for this paper.
Systems Affected:
Armada and Deskpro models.

Modules Affected:
Compaq WL100 Wireless LAN PC Card and Compaq WL200 Wireless LAN PCI Card

Resolution:

Customers are advised not to install Windows XP when using the listed NICs. Windows XP compatible device drivers will be available in the 4th Quarter of 2001 at www.compaq.com/support/files.

Known Anomalies (continued)

Video

Anomaly:

DualView support is not functional with the native Windows XP video driver for Armada and Evo Notebooks.

Description:

DualView enables the two interfaces to display different outputs at the same time. This feature is not enabled with the ATI video driver included with Windows XP RC2. This functionality is not expected in the final release version.

Systems Affected:
Evo Notebook N400c, Armada M700, Armada M300 and Armada E500 models

Resolution: This feature will be supported with the release of enhanced Windows XP video drivers. Windows XP compatible device drivers will be available in the 4th Quarter of 2001 at www.compaq.com/support/files.

UPDATES IN RC2

For information regarding features included with Windows XP RC2, refer the to feature guide included with the Microsoft Windows XP Professional Release Candidate 2 CD.

INSTALLATION TIPS

SYSTEM REQUIREMENTS

- **Microsoft requirements:**
  - PC with 300 megahertz or higher processor clock speed recommended; 233 MHz minimum required (single or dual processor system); Intel Pentium/Celeron family, or AMD K6/Athlon/Duron family, or compatible processor recommended
  - 128 megabytes (MB) of RAM or higher recommended (64 MB minimum supported; may limit performance and some features)
  - 1.5 gigabytes (GB) of available hard disk space
  - Super VGA (800×600) or higher-resolution video adapter and monitor
  - CD-ROM or DVD drive
  - Keyboard and Microsoft Mouse or compatible pointing device

- **Compaq recommended requirements:**
  - PC with 500 megahertz or higher processor clock speed recommended
  - 128 megabytes (MB) of RAM or higher recommended
  - 4 gigabytes (GB) of available hard disk space
  - Super VGA (800×600) or higher-resolution video adapter and monitor
  - CD-ROM or DVD drive
  - Keyboard and Microsoft Mouse or compatible pointing device

Installing from the Windows XP Professional RC2 CD

Important

- Compaq strongly recommends that the user read through the readme.htm file available on the Microsoft Windows XP Professional RC2 CD prior to installation.
- It is also strongly recommended that customers run any pre-release software in a controlled environment. Installation should be done on a freshly formatted system; upgrades from previous operating systems are not recommended.

Installation Steps

1. Insert the Windows XP RC2 CD into your CD-ROM drive.
2. Reboot the system
3. During the first boot hit a key when prompted to boot from the CD.
   - Hitting this key during reboots caused by the install process will restart the installation process.
4. Follow the instructions that appear.

Software Delivery

Software update delivery methods available for Compaq commercial computers include:

- Compaq Support Software CD
- Compaq Worldwide Web Site and Download Facility

Compaq Support Software CD

The Compaq Support Software CD (SSCD) includes updated drivers and utilities for Compaq commercial notebook, desktop, and workstation computers. Key drivers and utilities for Deskpro, iPAQ and Armada computers are included on the Compaq SSCD. The user interface is in English, French, Italian, German, Spanish, and Japanese. The Compaq SSCD is updated regularly and is available either through an annual subscription or as a one-time purchase. Subscriptions can be purchased through Compaq Customer Support or from a Compaq authorized dealer.

Compaq Worldwide Web Site and Download Facility

Individual drivers and utilities can be downloaded, in the form of SoftPaqs, from the Compaq Download Facility or from the Compaq Web site at http://www.compaq.com/support/files or ftp://ftp.compaq.com. SoftPaqs provide a distribution method for driver and ROM updates and product software enhancements. Multiple files and bootable diskettes can be distributed conveniently and electronically through diskettes or the Web.

Frequently Asked Questions

What is the purpose of this white paper?

This white paper has been developed in order to provide information to customers who are evaluating pre-release builds of Windows XP Professional.

Why isn't Windows XP Home covered?

Those corporate customers who are evaluating and qualifying Windows XP will be interested in deploying Professional. Windows XP Home is recommended for home use.

Why aren't more products covered?

The products covered in this white paper were selected due to likelihood of Windows XP Professional upgrade. While additional products will be covered in upcoming white papers, these are the products on which a high level of support is provided in current XP builds.

References

For comprehensive online support, visit the Compaq Web site at:

http://www.compaq.com

For international information, visit the Compaq Web site at:

http://www.compaq.com/corporate/overview/world_offices.html

Table 1. Departments and Telephone Numbers for Canada and the United States

Department	Telephone Numbers
Consumer Direct	1-800-888-0220
Compaq DirectPlus	1-800-888-5858 (U.S.)
Compaq Partner Direct	1-800-888-5874
Compaq Reseller Locator	1-800-345-1518 (Option 3)
Compaq Canadian Reseller Locator and Product Literature	1-800-567-1616
Diskette Fulfillment (backup diskettes for preinstalled software)	1-800-952-7689 (U.S.) 1-800-349-8498 (Canada)
Compaq Product Information	1-800-345-1518 (U.S.) 1-800-567-1616 (Canada)
Compaq Technical Support	1-800-OK-COMPAQ (U.S. and Canada) 1-800-652-6672