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HP iPAQ h6300 Pocket PC Series ROM Update (English Languages Support Only)

version 1.11 (1 Jun 05)

[» revision history](#)English (US) (SP30393.exe - 24.1 MB)

This package contains the ROM Update Utility (RUU) and ROM image for the listed handheld model and operating system.

Use Microsoft ActiveSync to synchronize the personal information manager (PIM) data with Microsoft Outlook on a desktop and to save a copy of user data, if any, before performing the ROM update. After completing the ROM update, establish a new ActiveSync partnership with the desktop. The handheld will be synchronized with the PIM data from Outlook. Reinstall any user-installed programs and user data, if necessary.

Because of changes in the registry and system files introduced by the new ROM, the new ROM will not recognize a backup file generated using the previous ROM.

software information

Important Note!

- **IMPORTANT:**
 - The RUU replaces the current ROM image and erases the partnership and all user data and user-installed programs on the handheld. It is important to read and understand the information in the Readme.txt file included with this update BEFORE installing the package.
- **IMPORTANT:**
 - Disable the Standby and Hibernation modes on the host PC. If Standby or Hibernation mode is activated during the upgrade process, a critical error may occur.
- **IMPORTANT:**
 - Plan enough time to complete the update. The total time to perform this ROM update is estimated at 20 minutes with a USB connection.
- **IMPORTANT:**
 - Do not interact with the handheld or remove it from AC power or the cradle/cable once the status bar appears on the handheld and the actual update has started.

Fixes

- Provides GSM Firmware version 541e Update, which fixes an issue where dual-tone multi-frequency (DTMF) did not work with interactive voice response (IVR) systems.
- Wireless LAN Driver build 63, which fixes the following issues:
 - Fixes issue that occurred with tunneled transport layer security (TTLS) server certificate validation.
 - Fixes unrecognizable characters that are displayed during login when using TTLS with MS-CHAP2.
 - Fixes LEAP authentication to redisplay login prompt after tapping Cancel.
 - Changes display name to "HP iPAQ Wi-Fi Wireless Adapter."
 - Fixes issue with TCP/IP rebinding that occurs after a suspend/resume when using AnthaVPN.
 - Fixes issue with automatic authentication during roaming.
 - Fixes issue with "memory leakage" when handheld is roaming.
 - Fixes issue where handheld will not enter Sleep mode while roaming.
 - Fixes issue where roaming fails due to an incorrect BSSID list.
- Bluetooth build 1.0.0.3701:
 - Fixes inaccurate display of headset icon when a call is in progress.
 - Fixes check for invalid device name.

- Fixes issue where handheld could not reconnect to remote device after a page timeout.
- Fixes Object push profile update so it sends all files.
- Updates FTP connection wizard to correct service discovery issue.
- Fixes issue with call waiting for incoming call handling while dialing out.
- Fixes issue with headset connection icon so it is correctly displayed after power cycling.
- Fixes audio to make it compatible with an in-car solution.
- Provides fixes for the following aUdio issues:
 - Fixes issue where the volume becomes louder if the iPAQ Audio "default" button is tapped when a Bluetooth Headset is connected to the handheld.
 - Fixes issue with the status in the Radio Interface Layer (RIL) driver when a Bluetooth Headset is connected.
 - Fixes audio issue where the right channel for a headset was unavailable for playing audio and during calls.

Enhancements

- Provides GSM Firmware version 541e Update, which:
 - Supports 64-KB Subscriber Identity Module (SIM) cards.
 - Supports Cell Notification on Ericsson Serving GPRS Support Node (SGSN).
- Provides Wireless LAN Driver build 63, which:
 - Supports third-party intermediate Wireless LAN driver.
 - Improves reception and roaming.
 - Extends the maximum length of lightweight extensible authentication protocol (LEAP) username and password to 63 characters.
- Provides Bluetooth Software version 1.0.0.3701, which:
 - Improves headset compatibility
 - Improves headset reconnection when returning into service area.
 - Adds support for Siemens car adapter kit.
 - Enables pairing using 16-character PIN code.
 - Adds a check to determine if Bluetooth stack is initialized before accepting messages from phone.
 - Adds a user interface (UI) change to enable a connected headset to automatically disconnect before attempting to connect to a different headset when the user chooses to connect to a second heads

Prerequisites

- Microsoft ActiveSync 3.7.1 (or later) is required.

Notes

- PURPOSE:
 - Recommended
- OPERATING SYSTEM(S):
 - Microsoft Windows Mobile for Pocket PC Phone Edition 2003
- NOTE:
 - Once the update is complete, the .EXE file downloaded in Step 1 can be deleted, if desired.

Synchronization Software

- IMPORTANT:
 - The RUU replaces the current ROM image and erases the partnership and all user data and user-installed programs on the handheld. It is important to read and understand the information in the Readme.txt file included with this update BEFORE installing the package.

Installation

HOW TO USE:

1. Download the SoftPaq .EXE to a directory on your hard drive.
2. Execute the downloaded file and follow the on-screen instructions to unpack the ROM Update files to a directory. (NOTE: This directory should not contain any file or folder from any previous ROM Upgrade.)
3. Establish an Activesync connection between the handheld and host PC using the USB connection.
4. RUU.exe will start automatically. Follow the on-screen instructions to complete the ROM upgrade.

INSTALLATION NOTES:

5. During the update, the ROM Update Utility will:
 - Query the handheld for current ROM image information.
 - Validate that the new ROM image is compatible with the handheld.
 - Automatically place the iPAQ handheld in Flash mode.
 - Update the ROM image on the handheld.
6. If an error message is displayed during the process, follow any available instructions to correct the condition and start the ROM Update Utility again.
7. The update process can be performed while connected to a host PC either as a Guest or with an established partnership.

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