

Intel® Remote Wake Technology Software ReadMe File

The Intel® Remote Wake Technology software is a compile of the following Intel software components: Manageability Service Manager, HECI Driver, Local Manageability Service, Control Application Iwake.dll, IVOIP.dll and MSM.dll

Intel® Remote Wake Technology software Production Version Release 1.0.45.9 (Hot Fix)

July 2008

NOTE: This document refers to systems containing the following Intel chipsets:

- * Intel® G45/P45 Express Chipset
- * Intel® G43/P43 Express Chipset

This document makes references to products developed by Intel. There are some restrictions on how these products may be used, and what information may be disclosed to others. Please read the Disclaimer section below, and contact your Intel field representative if you would like more information.

*** DISCLAIMER**

Information in this document is provided in connection with Intel products. Except as expressly stated in the Intel® Remote Wake Technology Pre-Release Software License Agreement contained herein, no license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document. Except as provided in Intel's Terms and Conditions of Sale for such products, Intel assumes no liability whatsoever, and Intel disclaims any express or implied warranty, relating to sale and/or use of Intel products, including liability or warranties relating to fitness for a particular purpose, merchantability or infringement of any patent, copyright or other intellectual property right. Intel products are not intended for use in medical, lifesaving, or life sustaining applications. Intel reserves the right to make changes to this document or software at any time, without notice.

Intel and the Intel logo are trademarks of Intel Corporation in the U.S. and other countries.

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

Copyright (c) Intel Corporation, 2008. All rights reserved.

* CONTENTS OF THIS DOCUMENT

This document contains the following sections:

1. Overview
2. System Requirements
3. Language Support
 - 3.1 Language Support Information
 - 3.2 Supported Languages
4. Installing the Software
 - 4.1 General Installation Notes
 - 4.2 Installation Switches
5. Uninstalling the Software
6. Intel® Remote Wake Technology Release Software License Agreement

SOFTWARE LICENSE AGREEMENT

* 1. OVERVIEW

The Intel® Remote Wake Technology software provides key components for remote wake capability supported on Intel® 4 Series based platform(s).

Note: For the Intel® Remote Wake Technology to work properly the following default options needs to be set in the Windows* Operating System:

- a.) Configure your power button and sleep button default settings to "Sleep State".

* 2. SYSTEM REQUIREMENTS

1. The PC system must be enabled to support Intel® Remote Wake Technology
Including one of the following Intel chipsets:

Intel® G45/P45 Express Chipset
Intel® G43/P45 Express Chipset
Intel® 82567 LF/LM/V Gigabit LAN Controller
Intel® ICH10/ICH10R

2. One of the following operating systems must be fully installed and running on the system before installing this software:

Microsoft Windows Vista* Home Premium or Ultimate edition

To verify which operating system has been installed onto the target system, follow the steps below:

- a. Click on Start.
- b. Select Settings.
- c. Select Control Panel.
- d. Double-click on the System icon.
- e. Click on the General system properties tab.
- f. Verify which OS has been installed by reading the System information.

3. The software should be installed on systems with at least 400 MB of system memory.
4. It is recommended that there be a minimum of 400 MB of hard disk space on the system in order to install this software.
5. Close any running applications to avoid installation problems.

Please check with your system provider to determine the operating system and Intel chipset used in your system.

* 3. LANGUAGE SUPPORT

3.1 Language Support Information

The UI language is based on the display language defined by the user in the operating system's Regional and Language Options. If the language specified is not supported, fallback rules will apply until a supported language (ultimately English) is found.

3.2 Supported Languages

Intel® Remote Wake Technology is available in the following languages:

Chinese (Simplified)

Chinese (Traditional)

Danish

Dutch

English

Finnish

French

German

Italian

Japanese

Korean

Norwegian

Portuguese (Brazil)

Portuguese (Portugal)

Spanish

Swedish

* 4. INSTALLING THE SOFTWARE

4.1 General Installation Notes

1. The operating system must be installed prior to the installation of the software.
2. This installation procedure is specific only to the version of software and installation file included in this release.

INSTALL USING SETUP.EXE

1. Exit all other programs before installing the Intel® Remote Wake Technology software.
2. Click the 'Start' button in the task bar, click 'Run...' and then select the Intel® Remote Wake Technology software install from the hard drive directory where the installation files are stored. The Install dialog will appear.
3. Click 'OK' to continue after exiting all other applications.
4. Click 'Next' to continue.
5. Read License Agreement and select "I accept the terms in the license agreement" and 'Next' to continue.
6. Select the destination folder and 'Next' to continue.
7. Select 'Install' start installing the Intel(R) Remote Wake Technology software.
8. When the 'Setup COMPLETE' message appears click 'Finish' to exit the install.

* 4.2 INSTALLATION SWITCHES

Silent Installations

/s : Silent mode

The command 'setup.exe /s' suppresses the setup.exe UI.

Uninstall Product

/uninst : The /uninst switch causes setup.exe to uninstall a previously installed product. The original install setup.exe file is required.

Factory Installation switch

MODE=factory : Used to set setup into factory mode. The command setup.exe /s /z"MODE=factory" suppresses the setup's UI and places the setup into factory mode. While in Factory mode the installer sets the registry value HKLM\software\Intel\FactoryMode to 1, does not start any services, and sets service Startup Type to "manual".

5. UNINSTALLING THE SOFTWARE

NOTE: This procedure assumes the above installation process was successful. This uninstallation procedure is specific only to the version of the driver and installation files included in this package.

1. Exit all other programs before un-installing the Intel® Remote Wake Technology software.
2. Click the 'Start' button in the task bar, click 'Run...' and then select the Intel® Remote Wake Technology software install from the hard drive directory where the installation files are stored. The Install dialog will appear.
3. Choose “Un-Install” to uninstall the driver.

* 6. INTEL® REMOTE WAKE TECHNOLOGY RELEASE SOFTWARE

LICENSE INFORMATION:

The Intel® Remote Wake Technology Software ("Intel Software") is subject to the terms and conditions of the software license which accompanied your system software. If there was no license which accompanied your system software, the terms and conditions set forth below shall apply to your use of the Intel Software.

INTEL END USER SOFTWARE LICENSE AGREEMENT

IMPORTANT - READ BEFORE COPYING, INSTALLING OR USING.

Do not use or load this software and any associated materials (collectively, the "Software") until you have carefully read the following terms and conditions. By loading or using the Software, you agree to the terms of this Agreement. If you do not wish to so agree, do not install or use the Software.

LICENSE. You may copy the Software onto a single computer for your personal, noncommercial use, and you may make one back-up copy of the Software, subject to these conditions:

1. You may not copy, modify, rent, sell, distribute or transfer any part of the Software except as provided in this Agreement, and you agree to prevent unauthorized copying of the Software.
2. You may not reverse engineer, decompile, or disassemble the Software.
3. You may not sublicense or permit simultaneous use of the Software by more than one user.
4. The Software may include portions offered on terms in addition to those set out here, as set out in a license accompanying those portions.
5. The Software may contain the software or other property of third party suppliers, some of which may be identified in, and licensed in accordance with, any enclosed "license.txt" or "read me" file or other text or file.

OWNERSHIP OF SOFTWARE AND COPYRIGHTS. Title to all copies of the Software remains with Intel or its suppliers. The Software is copyrighted and protected by the laws of the United States and other countries, and international treaty provisions. You may not remove any copyright notices from the Software. Intel may make changes to the Software, or to items referenced therein, at any time without notice, but is not obligated to support or update the Software. Except as otherwise expressly provided, Intel grants no express or implied right under Intel patents, copyrights, trademarks, or other intellectual property rights. You may transfer the Software only if the recipient agrees to be fully bound by these terms and if you retain no copies of the Software.

SOFTWARE MODIFICATION AND SUPPORT. Intel or its suppliers may make changes to the Software, or to items referenced therein, at any time and without notice. Intel may provide support for the Software, including the provision of updates, upgrades or bug fixes thereto, at times and in manners and amounts at its sole discretion.

LIMITED MEDIA WARRANTY. If the Software has been delivered by Intel on physical media, Intel warrants the media to be free from material physical defects for a period of ninety (90) days after delivery by Intel. If such a defect is found, return the media to Intel for replacement or alternate delivery of the Software as Intel may select.

EXCLUSION OF OTHER WARRANTIES. EXCEPT AS PROVIDED ABOVE, THE SOFTWARE IS PROVIDED "AS IS" WITHOUT ANY EXPRESS OR IMPLIED WARRANTY OF ANY KIND INCLUDING WARRANTIES OF MERCHANTABILITY, NONINFRINGEMENT OF INTELLECTUAL PROPERTY, OR FITNESS FOR A PARTICULAR PURPOSE. Intel does not warrant or assume responsibility for the accuracy or completeness of any information, text, graphics, links or other items contained within the Software.

LIMITATION OF LIABILITY. IN NO EVENT SHALL INTEL OR ITS SUPPLIERS BE LIABLE FOR ANY DAMAGES WHATSOEVER IN CONNECTION WITH THIS AGREEMENT, WHETHER ARISING FROM LOSS OF PROFITS, LOSS OF USE, LOSS OR CORRUPTION OF DATA, INDIRECT, INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES, IRRESPECTIVE OF WHETHER INTEL HAS ADVANCE NOTICE OF THE POSSIBILITY OF SUCH DAMAGES. IN NO EVENT SHALL INTEL'S OR ITS SUPPLIERS' TOTAL CUMULATIVE LIABILITY TO YOU ARISING FROM THIS AGREEMENT EXCEED THE LESSER OF THE SUM PAID TO INTEL BY LICENSEE FOR SOFTWARE LICENSED UNDER THIS AGREEMENT WHICH IS BOTH THE SUBJECT OF AND DIRECTLY AFFECTED BY THE SUBJECT CLAIMS OR FIFTY UNITED STATES DOLLARS (\$50.00).

THE LIMITED WARRANTY, LIMITED REMEDIES, WARRANTY DISCLAIMER AND LIMITED LIABILITY ARE FUNDAMENTAL ELEMENTS OF THE BASIS OF THE BARGAIN BETWEEN INTEL AND YOU. INTEL WOULD NOT BE ABLE TO PROVIDE THE SOFTWARE WITHOUT SUCH LIMITATIONS. SOME JURISDICTIONS MAY PROHIBIT EXCLUSION OR LIMITATION OF LIABILITY FOR IMPLIED WARRANTIES (IF ANY) OR CONSEQUENTIAL OR INCIDENTAL DAMAGES, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU IN ITS ENTIRETY. YOU MAY ALSO HAVE OTHER LEGAL RIGHTS THAT VARY FROM JURISDICTION TO JURISDICTION.

TERMINATION OF THIS AGREEMENT. Intel may terminate this Agreement at any time if you violate its terms. Upon termination, you will immediately destroy the Software or return all copies of the Software to Intel.

APPLICABLE LAWS. Claims arising under this Agreement shall be governed by the laws of California, excluding its principles of conflict of laws and the United Nations Convention on Contracts for the Sale of Goods. You may not export the Software in violation of applicable export laws and regulations. Intel is not obligated under any other agreements unless they are in writing and signed by an authorized representative of Intel.

GOVERNMENT RESTRICTED RIGHTS. The Software is provided with "RESTRICTED RIGHTS." Use, duplication, or disclosure by the Government is subject to restrictions as set forth in FAR52.227-14 and DFAR252.227-7013 *et seq.* or its successor. Use of the Software by the Government constitutes acknowledgment of Intel's proprietary rights therein. Contractor or Manufacturer is Intel.

LANGUAGE; TRANSLATIONS. In the event that the English language version of this Agreement is accompanied by any other version translated into any other language, such translated version is provided for convenience purposes only and the English language version shall control.

* 7. THIRD PARTY NOTICES AND LICENSES

OpenSSL License

* Copyright (c) 1998-2007 The OpenSSL Project. All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
*
* 1. Redistributions of source code must retain the above copyright
* notice, this list of conditions and the following disclaimer.
*
* 2. Redistributions in binary form must reproduce the above copyright
* notice, this list of conditions and the following disclaimer in
* the documentation and/or other materials provided with the
* distribution.
*
* 3. All advertising materials mentioning features or use of this
* software must display the following acknowledgment:
* "This product includes software developed by the OpenSSL Project
* for use in the OpenSSL Toolkit. (<http://www.openssl.org/>)"
*
* 4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to
* endorse or promote products derived from this software without
* prior written permission. For written permission, please contact
* openssl-core@openssl.org.
*
* 5. Products derived from this software may not be called "OpenSSL"
* nor may "OpenSSL" appear in their names without prior written
* permission of the OpenSSL Project.
*
* 6. Redistributions of any form whatsoever must retain the following
* acknowledgment:
* "This product includes software developed by the OpenSSL Project
* for use in the OpenSSL Toolkit (<http://www.openssl.org/>)"
*
* THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS'' AND ANY
* EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A
PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL
PROJECT OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,

INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

- * This product includes cryptographic software written by Eric Young
- * (eay@cryptsoft.com). This product includes software written by Tim
- * Hudson (tjh@cryptsoft.com).

Openwsman

- * Copyright (C) 2004-2006 Intel Corp. All rights reserved.
- *
- * Redistribution and use in source and binary forms, with or without
- * modification, are permitted provided that the following conditions are met:
- *
- * - Redistributions of source code must retain the above copyright notice,
- * this list of conditions and the following disclaimer.
- *
- * - Redistributions in binary form must reproduce the above copyright notice,
- * this list of conditions and the following disclaimer in the documentation
- * and/or other materials provided with the distribution.
- *
- * - Neither the name of Intel Corp. nor the names of its
- * contributors may be used to endorse or promote products derived from this
- * software without specific prior written permission.
- *
- * THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND
- CONTRIBUTORS ``AS IS'' * AND ANY EXPRESS OR IMPLIED WARRANTIES,
- INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF
- MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
- ARE DISCLAIMED. IN NO EVENT SHALL Intel Corp. OR THE CONTRIBUTORS
- BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY,
- OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,
- PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA,
- OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
- THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
- (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE
- USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH
- DAMAGE.

Sourceforge

Copyright (c) 2006 Noel Llopis and Charles Nicholson

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

END OF FILE
