# Intel® IoT Gateway – Wind River® Intelligent Device Platform XT 2.0, RCPL27

**Release Notes**

**June 2015**

# *Legal Disclaimers*

By using this document, in addition to any agreements you have with Intel, you accept the terms set forth below.

You may not use or facilitate the use of this document in connection with any infringement or other legal analysis concerning Intel products described herein. You agree to grant Intel a non-exclusive, royalty-free license to any patent claim thereafter drafted which includes subject matter disclosed herein.

INFORMATION IN THIS DOCUMENT IS PROVIDED IN CONNECTION WITH INTEL PRODUCTS. NO LICENSE, EXPRESS OR IMPLIED, BY ESTOPPEL OR OTHERWISE, TO ANY INTELLECTUAL PROPERTY RIGHTS IS GRANTED BY THIS DOCUMENT.

Intel may make changes to specifications and product descriptions at any time, without notice. Designers must not rely on the absence or characteristics of any features or instructions marked "reserved" or "undefined". Do not finalize a design with this information.

The products described in this document may contain design defects or errors known as errata which may cause the product to deviate from published specifications. Current characterized errata are available on request.

Contact your local Intel sales office or your distributor to obtain the latest specifications and before placing your product order.

Code Names are only for use by Intel to identify products, platforms, programs, services, etc. ("products") in development by Intel that have not been made commercially available to the public, i.e., announced, launched or shipped. They are never to be used as "commercial" names for products. Also, they are not intended to function as trademarks.

Copies of documents which have an order number and are referenced in this document, or other Intel literature, may be obtained by calling 1-800-548-4725, or go to: http://www.intel.com/design/literature.htm

Intel, Intel Atom, Intel Core, Intel® Hyper-Threading Technology, Intel logo are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.

Wind River is a trademark of Wind River Systems, Inc.

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

# 1 Key Updates in RCPL27 Release

RCPL27 includes the following defect fix:

IDPCORE-3913 - For mwifiex11n AP mode, multiple STA, the connection bitrate continues to drop until connection is lost.

# 2 Downloading Wind River RCPL27

The RCPL27 update requires that Wind River® Linux 5.0.1 and Wind River® Intelligent Device Platform XT 2.0.4 be installed. After they are installed, use the following steps:

1. Preparation: While it is not a recommended practice, if you have altered any Wind River-supplied files in your installation tree, manually archive them. These files may be overwritten during the installation process.

2. On your Linux host, change directories to `installDir/maintenance/wrInstaller/x86-linux2`

3. Execute `wrInstaller.exe`

4. Updates to the latest installer are required. To download them, at the **Choose Installation Type** screen, choose **Online Content**, and then click **Next**. It may take a few minutes while the installer automatically searches for available updates and verifies your entitlement.

5. Select **Wind River IDP XT 2.0.4.27** from the **Select Products** drop-down list.

6. Make other selections as appropriate, and then click **Finish**.

Intel® IoT Gateways
June 2015     Wind River RCPL27 Release Notes
Document Number 332670-001     3

# 3 *Wind River RCPL27 README Files*

The update tool provides readme files that describe the general RCPL27 changes:

- `$HOME/WindRiver/maintenance/wrInstaller/x86-linux2/wrInstaller`
  - Readme files from the installation provide general RCPL27 changes

- `$HOME/WindRiver/wrlinux-5/updates/LB34_5.0.1_RCPLxx/README`
  - Provides detailed information about differences between RCPLs
  - Provides instructions for using the RCPL Tool

- `$HOME/WindRiver/wrlinux-5/updates/whatsnew`

- `$HOME/WindRiver/wrlinux-addons/wr-idp/updates/LB34_5.0.1_RCPLxx/README`

Intel® Quark™ processor ODM board specific README files are at:

`PROJECT_FOLDER/layers/wr-bsps/intel-quark/templates/feature/odm`

The `README` file in this folder specifies the template feature to add to the configure statement when building an image.

For more information, see the Wind River Intelligent Device Platform XT 2.0: Release Notes at

http://www.intel.com/content/www/us/en/embedded/design-tools/evaluation-platforms/gateway-solutions/wind-river-idp-release-notes.html