



Intel[®] IoT Gateway – Wind River[®] Intelligent Device Platform XT 2.0, RCPL25

Release Notes

April 2015



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1 Key Updates in RCPL25 Release

Key updates in RCPL25 include the following:

- Triage Tool is upgraded to the latest version from Intel (April 3, 2015 ver).
- BSP Update: The Advantech trek-572 ODM board has been enabled. Configure option is the following:

```
--enable-board=intel-atom-baytrail --with-template=feature/trek-572
```

Known issues and limitations with Advantech trek-572 board support:

- LVDS is only supported in Legacy Video and Legacy Boot mode. To enable LVDS, set the modes correctly in BIOS.
- The Ethernet network configuration must be adjusted according to the Ethernet interface name. The USB net driver is enabled for this board and the Intel I210 Ethernet adapter might not be eth0 as required.

2 Downloading Wind River RCPL25

The RCPL25 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`
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 2.0.4.25** from the **Select Products** drop-down list.
6. Make other selections as appropriate, and then click **Finish**.



3 *Wind River RCPL25 README Files*

The update tool provides readme files that describe the general RCPL25 changes:

- `$HOME/WindRiver/maintenance/wrInstaller/x86-linux2/wrInstaller`
 - Readme files from the installation provide general RCPL25 changes
- `$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-5/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>