

Product Change Notification (PCN)

Colibri T20 products pre-installed software change

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1. Toradex Product Numbers Affected

Affected Products	
Part Number	Product Name
00201200	Colibri T20 256MB
00211200	Colibri T20 512MB
00221200	Colibri T20 512MB IT
00241200	Colibri T20 256MB IT

2. Product Phase in / Phase out Schedule

Affected Product	
Part Number	Estimated Schedule
00201200	Transition starts now (April 2016). Modules with the new software will be shipped as soon as the stock of modules using older software is depleted.
00211200	
00221200	
00241200	

3. Description of Changes

The pre-installed software changes from Windows Embedded Compact 7 BSP V1.3 to Windows Embedded Compact 7 BSP V1.4. This new version improves the data retention on the NAND Flash due to increased ECC bit settings from RS4 to BCH16.

4. Customer Impact

4.1. Hardware Design

There is no impact on the customer hardware.

4.2. Software

The change of the pre-installed software leads to non-booting modules when using the UpdateTool 5.12.0 or older to program a bootloader/Windows Embedded Compact image older than BSP V1.4. The recovery mode can be used to restore such modules.

<http://developer.toradex.com/knowledge-base/txx-recovery-mode>

Not affected by this change are customers who are using:

- nvflash to program their modules
 - images based on BSP V1.4 or newer
 - UpdateTool V6.0.1 or newer following the new production programming instructions
- <http://developer.toradex.com/knowledge-base/production-programming-for-tegra-modules>.

5. Contact

Please contact Toradex if you have any questions.

For commercial and sales questions, please contact shop@toradex.com

For technical questions, please contact support.arm@toradex.com