



Cherry Trail Platform Drivers

Driver Installation Steps

February 2016

Intel Confidential



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. 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.

A "Mission Critical Application" is any application in which failure of the Intel Product could result, directly or indirectly, in personal injury or death. SHOULD YOU PURCHASE OR USE INTEL'S PRODUCTS FOR ANY SUCH MISSION CRITICAL APPLICATION, YOU SHALL INDEMNIFY AND HOLD INTEL AND ITS SUBSIDIARIES, SUBCONTRACTORS AND AFFILIATES, AND THE DIRECTORS, OFFICERS, AND EMPLOYEES OF EACH, HARMLESS AGAINST ALL CLAIMS COSTS, DAMAGES, AND EXPENSES AND REASONABLE ATTORNEYS' FEES ARISING OUT OF, DIRECTLY OR INDIRECTLY, ANY CLAIM OF PRODUCT LIABILITY, PERSONAL INJURY, OR DEATH ARISING IN ANY WAY OUT OF SUCH MISSION CRITICAL APPLICATION, WHETHER OR NOT INTEL OR ITS SUBCONTRACTOR WAS NEGLIGENT IN THE DESIGN, MANUFACTURE, OR WARNING OF THE INTEL PRODUCT OR ANY OF ITS PARTS.

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". Intel reserves these for future definition and shall have no responsibility whatsoever for conflicts or incompatibilities arising from future changes to them. The information here is subject to change without notice. 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.

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%20>

This document contains information on products in the design phase of development.

No computer system can provide absolute security. Requires an enabled Intel® processor, enabled chipset, firmware, software and may require a subscription with a capable service provider (may not be available in all countries). Intel assumes no liability for lost or stolen data and/or systems or any other damages resulting thereof. Consult your Service Provider for availability and functionality. For more information, visit <http://www.intel.com/go/anti-theft> . Consult your system manufacturer and/or software vendor for more information.

Cherry Trail and other code names featured are used internally within Intel to identify products that are in development and not yet publicly announced for release. Customers, licensees and other third parties are not authorized by Intel to use code names in advertising, promotion or marketing of any product or services and any such use of Intel's internal code names is at the sole risk of the user.

Intel, Atom, 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 © 2012-2015, Intel Corporation. All rights reserved.



Contents

1	Introduction	4
2	Driver Installation Steps	5
	2.1 Installation Preparation.....	5
	2.2 Driver Installation Using Setup.exe	5
	2.3 Driver Installation Using Scripts.....	5
	2.3.1 Install IO Driver, MBI, PMIC Driver	5
	2.3.2 Install Other Drivers	5
3	Appendix A - Driver Package Information.....	6



1 Introduction

All the software components used should match the ones released in the driver package accompanying.



2 *Driver Installation Steps*

2.1 **Installation Preparation**

Before starting driver installation, install a clean Windows* 8.1 or Windows* 10. The installation method provided is by scripts and installer. Please follow the instructions below to complete the driver installation.

2.2 **Driver Installation Using Setup.exe**

Run the setup.exe and follow the prompts to install the drivers.

2.3 **Driver Installation Using Scripts**

2.3.1 **Install IO Driver, MBI, PMIC Driver**

Open CMD as administrator in the Scripts folder.

- i. Run "Install_MBI.bat"
- ii. Run batch file: "Install_IO_Drivers.bat" under the folder "Script", it will install the following drivers:
 - I2C driver
 - GPIO driver
 - UART driver
 - SPI driver
- iii. Run "Install_PMIC.bat"

2.3.2 **Install Other Drivers**

Open CMD as administrator in the Scripts folder. Run all the other Install batch scripts and Reboot.

- Run "Install_Audio.bat"
- Run "Install_Graphics.bat"
- Run "Install_Camera.bat"
- Run "Install_ISH.bat"
- Run "Install_DPTF.bat"
- Run "Install_TXEI.bat"
- Run "Install_WCE.bat"
- Run "Install_Battery_Management.bat"



3 *Appendix A - Driver Package Information*

Driver Folder Name	Description
\Audio	Audio driver package
\Camera	Camera driver package
\DPTF	Intel DPTF driver package
\GPIO	GPIO driver package
\Graphics	Graphics Driver package
\I2C	I2C driver package
\IntelBatteryManagement	Intel Battery Management Driver
\ISH	ISH bus driver package
\MBI	MBI driver package
\PMIC	PMIC driver
\SPI	SPI driver package
\TXEI	Intel TXEI driver package
\UART	UART driver package
\WCE	WCE driver package