



# Intel® USB 3.0 eXtensible Host Controller Driver

Release Notes (3.0.0.6)

*For Broadwell PCH-LP Platform*

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*September 2013*

*Revision 0.7*

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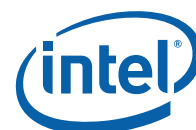
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## *Revision History*

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Revision Number	Description	Revision Date
0.7	Initial release.	September 2012

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# 1 Introduction

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## 1.1 Scope of Document

This document provides release information about the Intel® USB 3.0 eXtensible Host Controller Driver. It covers Release Kit summary, Important Notes, Resolved Issues and Known Issues. This document is intended for OEMs and ODMs that are validating the Intel® USB 3.0 eXtensible Host Controller Driver on their Broadwell PCH-LP based platform.

## 1.2 System Requirements

The Intel® USB 3.0 eXtensible Host Controller Driver contains support for the following Intel Chipsets:

- 4<sup>th</sup> Generation Intel® Core™ Processor U-Series Platform I/O
- Intel® 8 Series/C220 series Chipset Family
- Broadwell PCH-LP Platform

The following Operating Systems are supported:

**Intel® 8 Series Chipset Family  
4<sup>th</sup> Generation Intel® Core™ Processor U-Series Platform I/O  
Broadwell PCH-LP Platform:**

- Windows\* 7 Operating System (both 32-bit and 64-bit versions).

**Intel® C220 series chipset family:**

- Windows\* 7 Operating System (both 32-bit and 64-bit versions).
- Windows\* Server 2008 R2 Operating System.
- Windows\* Small Business Server 2008 Operating System.

**Note:** The Intel® USB 3.0 eXtensible Host Controller Driver is not supported on Windows\* XP and Windows Vista\*. For these operating systems, ensure your BIOS settings have the xHCI Mode set to "Auto" or "Smart Auto". This will reconfigure the USB 3.0 ports to function as USB 2.0 ports using the native Windows\* EHCI driver. For more information, see the Wildcat Point-LP Platform Controller Hub (PCH) BIOS Specification document.

The Intel® USB 3.0 eXtensible Host Controller Driver Installer and Intel® USB 3.0 Monitor support the following languages:

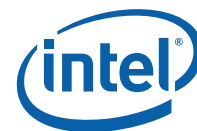
- Arabic (International)
- Chinese (Simplified)
- Chinese (Traditional)



- Czech
- Danish
- German
- Greek
- English (United States)
- Spanish
- Finnish
- French (International)
- Hebrew
- Hungarian
- Italian
- Japanese
- Korean
- Dutch
- Norwegian
- Polish
- Portuguese (Brazil)
- Portuguese (Portugal)
- Russian
- Slovak
- Slovenian
- Swedish
- Thai
- Turkish

## 1.3 Acronyms and Terminology

Term	Description
BSOD	Blue Screen of Death (Stop Error)
CRB	Customer Reference Board
EHCI	Enhanced Host Controller Interface
FS	Full-Speed
HID	Human Interface Device (ex: keyboard or mouse)
HS	High-Speed
IBP	Intel Business Portal ( <a href="https://businessportal.intel.com">https://businessportal.intel.com</a> )
LS	Low-Speed
PCH	Platform Control Hub



Term	Description
RMH	Rate Matching Hub
SS	Super-Speed
USB	Universal Serial Bus
xHCI	eXtensible Host Controller Interface
WPP	Windows* software trace Pre-Processor

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## 2 Release Kit Summary

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### 2.1 Release Kit Details

**Kit Name:** Intel(R) USB 3.0 eXtensible Host Controller Driver

**Version:** 3.0.0.6

### 2.2 Kit Contents

The contents of this release kit include:

- Intel® USB 3.0 eXtensible Host Controller Driver Installer

The Intel® USB 3.0 eXtensible Host Controller Driver Installer "Setup.exe" will install the following drivers and application on the system:

- Intel® USB 3.0 eXtensible Host Controller Driver
- Intel® USB 3.0 Root Hub Driver
- Intel® USB 3.0 Host Controller Switch Driver
- Intel® USB 3.0 Monitor
- Intel® USB 3.0 eXtensible Host Controller Driver – Release Notes
- Intel® USB 3.0 eXtensible Host Controller Driver – Bring Up Guide
- Intel Software License Agreement

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## **3**     *Important Notes*

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### **3.1**     **USB 3.0 Collaterals**

Please see the document "Intel(R) USB 3.0 eXtensible Host Controller Driver - Bring Up Guide" for information on driver installation and usage. This document can be found in the Intel(R) USB 3.0 eXtensible Host Controller Driver release kit.

Another useful document to reference is the "Intel(R) USB 3.0 eXtensible Host Controller Driver - Customer Validation and Debug Guide". This document is available on CDI. Please contact your Intel FAE for access.

### **3.2**     **Platform Best Known Configuration**

Please refer to "Client Base Platform Best Known Configuration for Shark Bay ULT Platform" from Intel Business Portal (IBP) for platform configuration setup that aligns to this milestone releases.

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## 4 Closed Issues

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Issue #	Description	Resolution
	N/A: Initial Release	

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# 5 Known Issues

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Issue #	Description
	N/A

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