



Intel[®] USB 3.0 eXtensible Host Controller Driver

Release Notes (4.0.6.60)

July 2016

Revision 1.2



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Revision History

Revision Number	Description	Revision Date
1.0	PV Release	June 2015
1.1	Updated for Driver Release 4.0.4.51	January 2016
1.2	Updated for Driver Release 4.0.6.60	July 2016



1 Introduction

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 platform.

1.2 System Requirements

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

- Intel® 8 Series/C220 Chipset Family
- 4th Generation Intel® Core™ Processors
- Intel® C610 series Chipset Family
- Intel® 9 Series Chipset Family
- Intel® Pentium® Processor or Intel® Celeron® Processor N- & J- Series
- 5th Generation Intel® Core™ Processors
- Intel® Core™ M Processor
- 6th Generation Intel® Core™ Processors
- Intel® 100 Series Chipset Family

The following Operating Systems are supported based on chipset:

Intel® 8 Series Chipset Family
4th Generation Intel® Core™ Processors
Intel® 9 Series Chipset Family
Intel® Pentium® Processor or Intel® Celeron® Processor N- & J- Series
5th Generation Intel® Core™ Processors
Intel® Core™ M Processor
6th Generation Intel® Core™ Processors
Intel® 100 Series Chipset Family:

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

Intel® C220 series chipset family
Intel® C230 series chipset family
Intel® C610 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*.



Introduction

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



2 Release Kit Summary

2.1 Release Kit Details

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

Version: 4.0.6.60

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
- Readme File

Note: It's recommended that USB3.0 driver should only be installed using the setup.exe. Proper device functionality cannot be ensured if INF installation is used.



3 **Closed Issues**

Description	Resolution
USB port may not enter into suspend state after the system has transitioned to S3 if a specific USB devices is connected to that USB port.	Resolved in Release Rev: 4.0.6.60
Dropped of frames may occurs on a specific USB3.0 camera when using larger buffer size for data transfer.	Resolved in Release Rev: 4.0.6.60
xHCI controller driver may incorrectly suspend the wrong interface on a USB device.	Resolved in Release Rev: 4.0.6.60
A USB device connected behind a hub may take long time to get removed from the OS if the hub is unplugged from the USB port.	Resolved in Release Rev: 4.0.6.60
USB headset may freeze when using a Voice over IP application	Resolved in Release Rev: 4.0.6.60
BOSD 0x9F may occurs during warm boot stress test	Resolved in Release Rev: 4.0.6.60
USB network device with non-continuous interface numbering may fails to connect to internet after idle for few minutes	Resolved in Release Rev: 4.0.6.60
OS may fail to automatically install RNDIS driver when Virtual NIC USB Device is connected	Resolved in Release Rev: 4.0.6.60
ODD USB devices may fail to write data to a disc under Windows* PE 32bit environment.	Resolved in Release Rev: 4.0.4.51
System may hangs when exiting Windows* PE 32bit environment.	Resolved in Release Rev: 4.0.4.51
BSOD 0xD1 may occurs when connecting an USB3.0 hub with 2 USB keyboards and 2 USB Mouse connected.	Resolved in Release Rev: 4.0.4.51
BSOD 0xD5 may occurs after a USB3.0 Hub is disconnected from 4th Generation Intel® Core™ Processors system.	Resolved in Release Rev: 4.0.4.51
The xHCI controller may report a yellow bang error code 12 under Windows* PE on the Intel 4th Generation Intel® Core™ Processors\ Intel® 8 Series Chipset Family system.	Resolved in Release Rev: 4.0.4.51



4 Known Issues

N/A

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