



Intel® PROSet/Wireless for Bluetooth Technology Software

Bluetooth Software v17.70 PV Release for Windows 10 on Stone Peak

BT Driver: SHBTW0785_17.1.1504.02

Ww26, 2015



Releases Overview

- Intel is announcing the **17.70 PV** release for Windows 10, of the Intel® PROSet/Wireless Bluetooth Software.
- The focus of this release collateral is the support of Stone Peak with the Windows 10 Operating System

Announcing the release of the BT PV Software for Windows 10 on Stone Peak

General Information

- **BT Build Info**
 - **Driver:**iBTSW_REL1466_17.1.1525.1466
- **Supported Platforms**
 - Haswell w/Lynx Point
 - Broadwell
 - Braswell
 - Skylake
- **Supported Hardware**
 - StP1(3165)/StP2(7265)
- **Supported OS**
 - Tested with Win10 version 10143

Important Notes

- Ibtsiva on by default
- WHLK Errata from MSFT, see below.

Change Highlights

- Stp/CO
 - Change BT announcement to 4.0 in LMP Version Response.
 - CO Patch context aware switching. Increased flexibility for future patches.
- StP/DO
 - Change BT announcement to 4.2 in LMP Version Response
 - HCI Offload and advertisement bugs

Known Issues

Defect ID	Issue	Reason
MWG100236917	Low OPP throughput and choppy audio quality observed (multiprofile)	Under Investigation
NA	CS testing incomplete	Testing delayed due to platform issues
MWG100238887	[StP C0][HLK][Win10] StP fails Bluetooth - HciExtensions (Development and Integration) Test	StP/C0 is BT4.0 but Win10 WHLK is testing for HCI_extension regardless of announced BT 4.x support level. MSFT Errata ID = 5642 Valid until 07/15/2015
MWG100238889	[STP][win10][Install] Uninstall does not remove all ibtUSB files	ibtusb.cat and ibtusb.inf are sometimes left over Will be fixed in next SP release
MWG100237916	[HFP] Fail test 292512 Connect and Play for both StP and SfP Due to low MOS score.	MOS score sometime marginal and test fails

Corrected Issues

CQ ID	Title	Fix Detail
MWG100233445	Can't send file via Bluetooth after Cold boot	C0/D0 – Incomplete implementation
MWG100198423	BT play music, the machine have no sound after play few minutes	C0/D0 – Incomplete implementation
MWG100225100	There is no sound output from headset after resume from S3/S4 with internet connected (WA)	C0/D0 – Incomplete implementation
MWG100226785	Device manager show Intel BT device yellow bang during BT on/off switching test.	C0/D0 – Incomplete implementation
MWG100235518	Bluetooth stack installation issue	Secondary USB enumeration response was re-aligned

BT Windows 10 Feature Testing Guidance

	Tested Internally
	Testable, see notes
	Blocked

Functionality	Alpha	Beta	PC	PV	
BT4.x spec compliance (mandatory errata)					BT 4.0 for StP/C0 and BT 4.2 for StP/D0
BLE beacon support					Supported on StP D0 only
BT Offload – BLE discovery					Supported on StP D0 only

BT Windows 10 Testing Guidance

	Tested Internally
	Testable, see notes
	Blocked

This Release



Previous Releases

Functionality	Alpha	Beta	PC	PV	Notes (see known Issues and Limitations for more details)
A2DP					
ACPI Power Management					
AVRCP					
Bluetooth Core					
BLE-HID					
Bluetooth Multiprofile					StP has limitations using multiple profiles
HID					
HFP					
OPP					
Sx transitions					
RF-Kill					
Stability					

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