



Intel® PROSet/Wireless for Bluetooth Technology Software 17.17HF Releases for Wilkins Peak/Legacy and Stone Peak

WW20, 2015



17.17HF Releases Overview

WWBTW1235_17.1.1501.04 and SHBTW0738_17.1.1501.04 are re-releases of WWBTW1207_17.1.1501.01 and SHBTW0679_17.1.1501.01 respectively. The specific reason for the new releases is to address MWG100231075 (YB) via ibtsiva. Ibtstiva is on by default in these releases.

MWG100231075 has been root caused to a MSFT issue, Case #115012612322494/bug id 2532912. While a fix for this may come from MSFT in the near future we understand that customers cannot necessarily wait for the root cause fix.

Ibtsiva is a service that addresses yellow bangs that appear during Sx cycling. It only runs when a platform comes out of Sx. It checks for a YB on the BT device and if one is found the BT device is reset. The service only runs for 60 seconds after Sx. This is done to minimize excess current drain.

An enhanced version of ibtsiva is introduced in this release. Previously ibtsiva only ran on Wilkins Peak2/B3. The enhanced version of ibtsiva now also works on both Wilkins Peak and Stone Peak. A detailed technical note on the enhanced version of ibtsiva is included with this software release on VIP.

17.17 Release note Reprint

Since 17.17HF is the same as 17.17 except that ibtsiva is enabled by default the original 17.17 Release note is provided below for reference.

Releases Overview

Intel announces the Bluetooth 17.17 SP Releases. This release note covers 3 separate releases: One each for Wilkins Peak(WP1/WP2), Stone Peak(StP1/StP2) and the Firmware(FW) only release. The FW only release can be used for (WP/StP).

Software Release Detail

Release	Intel Driver	Motorola Driver/Package	WHCK ID
SHBTW0679_17.1.1501.01	iBTSW_REL0771_17.1.1512.0771	17.1.1501.0512/17.1.1501.514	1718066
WWBTW1207_17.1.1501.01	iBTSW_REL0771_17.1.1512.0771	17.1.1501.0512/17.1.1501.514	1718065
SHBTW0679_17.1.1501.01.H	iBTSW_REL0771_17.1.1512.0771	17.1.1501.0512/17.1.1501.514	(StP) 1718067 (WP) 1718068

The release package on VIP includes a supplemental release info document as well as a Bluetooth tools.

HW and SW Support Information

SW	SHTW _{xxx} Release	WWBTW _{xxx} Release	SHTW _{xxx.H} FW Only Release
HW	3165(StP1),7265(StP2)	7260(WP2),3160(WP1),6235,1030,2230, 135	3165(StP1),7265(StP2),7260,3160,1030,2230,135
OS	Win7(32/64) Win 8(32/64) Win8.1(32/64)	Win7(32/64) Win 8(32/64) Win8.1(32/64)	Win7(32/64) Win 8(32/64) Win8.1(32/64)

2015 Wireless/Platform/OS matrix

Platform	Haswell 1-chip ¹		Haswell 2-chip MBL		Haswell 2-chip DT		Broadwell U 1-chip ¹			Broadwell Y 1-chip ¹			Broadwell H 2-chip MBL			Broadwell H 2-chip DT			Bay Trail M/D		Cherry Trail ¹		Braswell		Skylake U ¹ 1-chip		Skylake Y ¹ 1-chip		Skylake H 2-chip MBL		Skylake S 2-chip DT		Greenlow 2-chip WS						
	Win7 32/64	Win8 32/64	Win8.1 32/64	Win10 32/64	Win7 32/64	Win8 32/64	Win8.1 32/64	Win10 32/64	Win7 32/64	Win8 32/64	Win8.1 32/64	Win10 32/64	Win7 32/64	Win8 32/64	Win8.1 32/64	Win10 32/64	Win7 32/64	Win8 32/64	Win8.1 32/64	Win10 32/64	Win7 32/64	Win8 32/64	Win8.1 32/64	Win10 32/64	Win7 32/64	Win8 32/64	Win8.1 32/64	Win10 32/64	Win7 32/64	Win8 32/64	Win8.1 32/64	Win10 32/64	Win7 32/64	Win8 32/64	Win8.1 32/64	Win10 32/64			
Snowfield Peak 8260 skus																										V 64	64	V 64	64	V 64	64	V 64	64	V 64	64	V 64	64		
Douglas Peak 18260 skus																											V 64	64	V 64	64	V 64	64							
Maple Peak 17265 skus							V 64	64	64	64	V 64	64	64																										
Stone Peak 2* 7265 skus	V	V	64	V ³	V	V	64	V ³				V 64	64	64	V 64	64	64	V 64	64	64						V ²	V ²	64	64	V	V	64	64	V 64	64	V 64	64	V 64	64
Stone Peak 1 3165 skus							V 64	64	64	64	V 64	64	64	V 64	64	64	V 64	64	64							64	64	V	V	64	64	V 64	64	V 64	64	V 64	64	V 64	64
Wilkins Peak 2 7260 skus	V	V	V	V ³	V	V	V	V ³	V	V	V	V ³	V 64	64	64			64	V 64	64	64	V	V	64	64														
Wilkins Peak 1 3160 skus	V	V	V	V ³	V	V	V	V ³	V	V	V	V ³	V 64	64	64	V 64	64	64	V 64	64	64	V	V	64	64			64	64	V									

¹ These platforms support InstantGo (Connected Standby) with Windows 8.1 (64-bit) and Windows 10 (64-bit)

² Requires 1.8 volt StP SKU

³ 32-bit non-CS SKUs w/ legacy BIOS targeted at Ent. Customers (Q87, Q85, QM87) supported for functionality only, no certification

V = both 32 and 64-bit OS supported

64 = only 64-bit OS supported

*Note that Stone Peak releases also apply to Maple Peak –This release note applies to area outlined in red

Corrected Issues

HW	CQ ID	Title	Fix Detail
StP	MWG100225100	There is no sound output from headset after resume from S3/S4 with internet connected(WLAN card: Intel AC 7265).	Incomplete implementation
StP	MWG100225428	BT mouse will not be used after resuming from S3 with Test-internet connect	Incorrect Implementation
WP	MWG100227265/ MWG100222545/ MWG100226785	BT device shows yellow bang while do the bluetooth on/off in PC setting/Yellow bang "!" (code43) appears about Bluetooth in Device Manager/Device manager show Intel BT device yellow bang during BT on/off switching test.	Incomplete Implementation

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