



BTW 6.5.1.2500

Release Notes

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INTRODUCTION

CUSTOMER SUPPORT PORTAL (CSP)

Customers can submit enhancements, changes and/or defects against releases of software or firmware via the Broadcom Customer Support Portal (CSP). CSP cases are replicated into the Broadcom Bluetooth engineering change management database for review by the engineering community and change control boards.

If your project or program is not listed inside the CSP please contact your Broadcom representative whom can configure the CSP system for use with your unique needs.

To start using the CSP please visit <http://support.broadcom.com>.

Driver Report

Folder: BTW 6.5.1.2500/Win32/

Driver:	Signed?	Signature:	Valid?	Submission ID:	Version:	OS list:
bcbthid32.cat	Yes	WHQL	Yes	1350230	6.3.0.1500	Vista Win7
bcbtums-vistax86-brcm.cat	Yes	WHQL	Yes	1488281	6.5.1.2501	XP Vista
--> bcbtums.sys					6.5.1.2500	
bcbtums-win7x86-brcm.cat	Yes	WHQL	Yes	1488281	6.5.1.2501	XP Win7
--> bcbtums.sys					6.5.1.2500	
bcbtumsld.cat	Yes	WHQL	Yes	1488215	6.5.1.2500	Vista Win7
--> bcbtums.sys					6.5.1.2500	
btwampfl_svc.cat	Yes	WHQL	Yes	1486851	6.5.1.2400	Vista Win7
--> btwampfl.sys					6.5.1.2400	
btwaudio.cat	Yes	WHQL	Yes	1488201	6.5.1.2500	Vista Win7
--> btwavdt.sys					6.5.1.2500	
--> btwaudio.sys					6.5.1.2500	
btwavdt.cat	Yes	WHQL	Yes	1488214	6.5.1.2500	Vista Win7
--> btwavdt.sys					6.5.1.2500	
btwdpan.cat	Yes	WHQL	Yes	1482014	6.5.1.300	Vista Win7
--> btwdpan.sys					6.5.1.300	
btwl2cap.cat	Yes	WHQL	Yes	1479301	6.5.1.100	Vista Win7
--> btwl2cap.sys					6.5.1.100	
btwrchid.cat	Yes	WHQL	Yes	1488202	6.5.1.2500	Vista Win7
--> btwavdt.sys					6.5.1.2500	
--> btwrchid.sys					6.5.1.2500	

Folder: BTW 6.5.1.2500/Win64/

Driver:	Signed?	Signature:	Valid?	Submission ID:	Version:	OS list:
bcbthid64.cat	Yes	WHQL	Yes	1350230	6.3.0.1500	Vista Win7
bcbtums-vistax64-brcm.cat	Yes	WHQL	Yes	1488281	6.5.1.2501	XP Vista
--> bcbtums.sys					6.5.1.2500	
bcbtums-win7x64-brcm.cat	Yes	WHQL	Yes	1488281	6.5.1.2501	XP Win7
--> bcbtums.sys					6.5.1.2500	
bcbtumsld64.cat	Yes	WHQL	Yes	1488215	6.5.1.2500	Vista Win7
--> bcbtums.sys					6.5.1.2500	
btwampfl_svc64.cat	Yes	WHQL	Yes	1486851	6.5.1.2400	Vista Win7
--> btwampfl.sys					6.5.1.2400	
btwaudio64.cat	Yes	WHQL	Yes	1488201	6.5.1.2500	Vista Win7
--> btwavdt.sys					6.5.1.2500	
--> btwaudio.sys					6.5.1.2500	
btwavdt64.cat	Yes	WHQL	Yes	1488214	6.5.1.2500	Vista Win7
--> btwavdt.sys					6.5.1.2500	
btwdpan64.cat	Yes	WHQL	Yes	1482014	6.5.1.300	Vista Win7
--> btwdpan.sys					6.5.1.300	
btwl2cap64.cat	Yes	WHQL	Yes	1479301	6.5.1.100	Vista Win7
--> btwl2cap.sys					6.5.1.100	
btwrchid64.cat	Yes	WHQL	Yes	1488202	6.5.1.2500	Vista Win7
--> btwavdt.sys					6.5.1.2500	
--> btwrchid.sys					6.5.1.2500	

Installation Command Line Options

To install BTW from command line prompt or from a batch file, use the following command line options:

Setup.exe [/qn | /qb | /qr] [/nw] [/nodfu] [/L<LangId>] [/ru] [/ri]

/qn - Silent install without any UI and user interaction

/qb - Silent install with basic UI with progress dialog without any user interaction

/qr - Silent install with full UI without any user interaction

/nw- Setup.exe does not wait for BTW install to complete, exits after invoking MSI install.

/nodfu- Do not execute DFU during BTW install (even if configured for DFU in SvcPack.ini file)

/noinf - Do not install USB inf file, bcbtums*.inf for Vista and btwusb.inf for XP. (Newly added since 5.5.0.900 and 6.1.0.2800)

/L -Installation language

<LangId> can be one of the following

1033: English

1046: Portuguese (Brazilian)

1028: Chinese Tradition

2052: Chinese Simplified

1030: Danish

1043: Dutch

1035: Finnish

1036: French

1031: German

1040: Italian

1041: Japanese

1042: Korean

1044: Norwegian

1034: Spanish

1053: Swedish

1049: Russian

1045: Polish

14337: Arabic

1029: Czech

1032: Greek

1037: Hebrew

1050: Croatian

1038: Hungarian

2070: Portuguese (European)

1048: Romanian

1055: Turkish

/ru - Suppress reboot at the end of uninstall. (Relevant for Windows 98 and ME during upgrade)

/ri - Suppress reboot at the end of install (Relevant for Windows 98 and ME and if reboot is required on Windows 2000).

For example, to install silently without any UI in German language, use the following command line

setup.exe /qn /L1031

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Resolved Defects

Critical

BLTH01243663**Subsystem: Stack Server****Headline:**

ENG-NOR-BSOD is found during Hardware plugout\plugin when proximity lock and unlock is enabled.

Release Note:

Implement structure protection to prevent removal while in use.

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Resolved Defects

Major

BLTH01093272

Subsystem: Stack Server

Headline:

Proximity power saving mode "Sleep/Hibernate" doesn't unlock PC after few iterations

Release Note:

Resolved the issue where PC fails to connect to the phone causing proximity unlock function to fail after few iterations of Sleep / Hibernate.

BLTH01236515

Subsystem: Driver

Headline:

change hex file for 20702 device 0489/E04F for BTW 6.5.1

Release Note:

Added WHQL signed files for FW update

BLTH01249596

Subsystem: Driver

Headline:

change hex file for 20702 device 0489/E047 for BTW 6.5.1

Release Note:

Added WHQL signed files for FW update

BLTH01263374

CSP-502776

Subsystem: Shell Extension

Headline:

[BTW6.5.1] Lenovo Thinkpad with Enhanced Data Rate Software Insecure Library Loading btrez.dll

Release Note:

LoadLibrary references to BtRez and other related BTW DLLs were updated to include full paths.

CSP URL:

<https://support.broadcom.com/IMS/Main.aspx?Page=MyCasesDisplay&IssueID=50277>

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Resolved Defects

Minor

BLTH00914674

Subsystem: Stack Server

Headline:

Metaplayer doesn't opened on connecting to A2DP from until it starts playing

Release Note:

Corrected logic which prohibited the MetaPlayer being launched.

BLTH01254747

Subsystem: Stack Server

Headline:

Yellow bang displayed for Porsche carkit

Release Note:

Add Porsche carkit ID to unsupported devices

BLTH01279460

Subsystem: Other

Headline:

Dell MUP fixes

Release Note:

Fix Dell MUP issue on XP where the hex files were not in the output.

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Resolved Defects

Enhancements

BLTH01274642

Subsystem: Installation

Headline:

MA function (2-way authentication) needed for Lenovo Edge

Release Note:

Introduced Lenovo authentication checks for the 0x0A5C 0x21F3 / 0x21F4 devices.

BLTH01297445

Subsystem: Driver

Headline:

BTW 6.5 Update FW for 0A5C/21E8

Release Note:

WHQL signed files added for new FW for 21E8 device
