



Brew MP Tools Certification Report
Casio C781: WC781VWB537F.167

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QUALCOMM Incorporated
5775 Morehouse Drive
San Diego, CA 92121-1714
U.S.A.

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Section 1 Summary

The Brew MP Tools Certification report is made up of two major areas of concern, OEM Mode and Developer Mode. This report will be broken up into sections representing the various examined aspects of OEM Mode and Developer Mode.

The data contained herein is not intended to demonstrate any capability of the hardware itself.

Throughout the document there are many abbreviated and technical terms. If any of these terms are unfamiliar, please refer to the Brew MP Glossary on the [Brew MP website](#).

1.1 OEM Mode Certification Summary

The following report is intended to communicate the certification results for the following Brew MP tools and technologies on the Casio C781.

- SDK & Tools
- OEM USB Driver
- Flash tools
- Brew Loader and Logger
- Test Signatures
- Connection protocols COM/DIAG and COM/BTIL

1.2 Developer Mode Certification Summary

The following report is intended to communicate the certification results for the following Brew MP tools and technologies on the Casio C781.

- SDK & Tools
- Connect over Brew MP Gateway APIs
- On-Device debugging
- Device Interrogation
- Device Monitoring
- DES (Developer Enablement Services) test signing

Section 2 Tools Certification Results

2.1 OEM Mode Certification Results

2.1.1 Brew MP Tools Support

Tool	Test	COM/DIAG	COM/BTIL	Issues	Impact
Loader	Load module using local module signature	FAIL	PASS	Unable to connect loader with COM/DIAG.	Users will need to connect with COM/BTIL.
Logger	Logger unlocked with signature enable	FAIL	PASS	Unable to connect logger with COM/DIAG.	Users will need to connect with COM/BTIL.
AppCreator	Flash Application Test	N/A	PASS		
AppCreator	Trig Application Test	N/A	PASS		
BTIL API Tests	Connect BTIL API's (AbbeyRoad)	N/A	PASS		
Test Studio	Load module	N/A	PASS		
Test Studio	Run module	N/A	PASS		
Test Studio	Retrieve logs	N/A	PASS		

2.1.2 Test Signature Signing Results

Tool	Test	COM/DIAG	COM/BTIL	Issues	Impact
Signature Enablement	Enable using BDS root	N/A	PASS		
Signature Enablement	Enable using Test/CSK root	PASS	N/A		

2.2 Developer Mode Certification Results

2.2.1 Brew MP Tools Support

Tool	Test	Gateway Mode	Issues	Impact
Loader	Load module with global test enable signature	PASS		
Loader	Load module unlocked with username/password	PASS		
Connect API tests	Connect Gateway API's (Autobahn)	PASS		
Logger	Logger unlocked with username/password	PASS		
AppCreator	Flash Application Test	PASS		
Click2Run	Microsoft Visual Studio	PASS		
Click2Run	Eclipse	PASS		
Click2Debug	Microsoft Visual Studio	PASS		
Click2Debug	Eclipse	PASS		
Test Studio	Load module	PASS		
Test Studio	Run module	PASS		
Test Studio	Retrieve logs	PASS		

2.2.2 DES Signing Results

Tool	Test	Result	Issues	Impact
Signature Enablement	Enable using DES	PASS		

2.2.3 Developer Mode Settings Screen

Test	Result	Issues	Impact
Device supports *#DEVMODE# to enable Developer Mode if there is no UI menu to enable Developer Mode	PASS		
Device has a Developer Mode settings screen	PASS		
Settings screen can be used to select USB Gateway only mode	PASS		
Settings screen can be used to select USB Gateway + COM ports	PASS		

Settings screen can be used to turn off the USB Gateway	PASS		
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