Acer Download Tool User Manual v18.01

Date: 2015/01/30



Note: Download tool has 2 kinds of version: RD & CSD

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<u>History</u>

Download Tool Version	Modify	Modifier
acer_DownloadTool_V18.01	1. Support OmegaV0L0 Intel driver only.	Crystal Lin
	(acer driver unsupported, will support in the future if acer driver ready.)	2015/01/30
	2. Z220V0L0 4G/8G EMMC issue.	
	Change flash userdata.img to format userdata.	
acer_DownloadTool_V18.00	New format BIN file for Z220 due to fuse mechanism:	Crystal Lin
	BIN1 + system.img example:	2015/01/07
	Acer_AV0L0_Z220_RV00RC00_EMEA_GEN1_1.bin	
	Acer_AV0L0_Z220_RV00RC00_EMEA_GEN1_system_2.img	
acer_DownloadTool_V17.01	1. Fix "space symbol" in Windows flash.bat path cannot flash problem.	Crystal Lin
	2. Add FFU MD5 record in log.	2015/01/07
acer_DownloadTool_V17.00	1. Add M220V0L0 project	Crystal Lin
		2014/12/25
acer_DownloadTool_V16.00	2. Add Z220 project	Crystal Lin
		2014/12/23
acer_DownloadTool_V15.01	1. Add Mount SD card ADB device VID/PID: VID_05C6&PID_0915	Crystal Lin
		2014/12/16
acer_DownloadTool_V15.00	1. Intel Page: "skip droidboot reboot" item default change to checked.	Crystal Lin
(Unreleased)	2. Add Z100V0L0	2014/12/15
acer_DownloadTool_V14.02	Initial flag value at form load.	Crystal Lin
	(chk_Ft_lsFolder = true)	2014/10/06
acer_DownloadTool_V14.01	Add Acer Diag VID/PID:	Crystal Lin
	(1). mtp/adb/diag: 0502/36FE	2014/10/02
	(2). ptp/adb/diag: 0502/36FF	
	(3). rndis/adb/diag(USB tethering): 0502/3700	

acer_DownloadTool_V14.00	1. Support DA2V0K0: N3-2200, M3-2200, DA2V052, DA222HQL	
	2. Change Log path: log store at each platform folder: NV/Qualcomm/Intel	2014/08/20
acer_DownloadTool_V13.01	Support Qualcomm unmerge BIN files flash projects such as E600, flash bootloader in BIN first then flash	
	all images after reboot-bootloader command.	2014/08/13
	Reason: Do not do repartition in E600 or factory data might be lost.	
	Solution in bootloder to force skip repartition since 8/12's images.	
	Why still need to add this function in download tool? This is due to some user's device is old bootloader.	
acer_DownloadTool_V13.00	Modify SOP for E600 enter fastboot mode	Crystal Lin
SOP veriosn: V13.00_2		2014/08/12

1. Requirement

1.1 Microsoft .NET Framework 2.0

1.2 Do not operate this program on virtual machine.

2. List of support

2.1. List of Support Models

Project	Model	Android	Support Flash Mode	Notice
		Version		
M220V0L0	M220	VOLO	Mass Storage: WinUSB Device Press volume up + power key for about 6 minutes.	
Z220V0L0	Z220 (Original Model Name Z100)	VOLO	 OS Mode(adb), fastboot mode 	
Z100V0L0	Z100	VOLO	 OS Mode(adb), fastboot mode 	
DA2V0K0	N3-2200, M3-2200, DA2V052, DA222HQL	νοκο	 OS Mode(adb), OS Mode(adb), if adb mode is supported. Boot Rocovery Mode (Choose from engineer mode) 	
E600	E600	νοκο	1. OS Mode(adb), 2. fastboot mode	Support Acer develops SKU only.
DA2AV0K0 (NVIDIA)	DA222HQLA	VOKO	 OS Mode(adb), OS Mode(adb), if adb mode is supported. Boot Rocovery Mode (Choose from engineer mode) 	This project is detached from DA2.
Ducati2HD (Intel)	A1-840	V0K1	 OS Mode(adb) Emergency Download Mode(DNX) Droidboot mode 	Security: Device is user version (UEFI is user releasekey also), can flash user BIN only. Device is userdebug version (UEFI is userdebug testkey also), can flash userdebug only.

Ducati2FHD	A1-840FHD	V0K1	1. OS Mode(adb)	Security:
(Intel)			2. Emergency Download Mode	Device is user version (iafw is user releasekey also), can flash user
			3. Droidboot mode	BIN only.
				Device is userdebug version (iafw is userdebug testkey also), can
				flash userdebug only.
A12	S520	V052, V0K0	1. OS Mode(adb),	Since v4.007 add "adb shell sync" command.
Phone			2. fastboot mode	
(Qualcomm)				
DA2	DA2V052,N3-2200,	V052	1. OS Mode(adb), OS Mode(adb), if adb	
Smart Display	N3-2400,M3-2200,		mode is supported.	
(NVIDIA)	M3-2400,DA222HQL,DA242HL,		2. Boot Rocovery Mode	
	DA242HQL,		(Choose from engineer mode)	
TA2	TA272HUL,	V052	1. OS Mode(adb), OS Mode(adb), if adb	
Smart Display	M3-245HQL,		mode is supported.	
(NVIDIA)	N3-245HQL,		2. Boot Rocovery Mode	
	L3-245HQL,TA272HL		(Choose from engineer mode)	
DA245HQL	DA245HQL	V052	1. OS Mode(adb), OS Mode(adb), if adb	This project is detached from TA2.
Smart Display			mode is supported.	
(NVIDIA)			2. Boot Rocovery Mode	
			(Choose from engineer mode)	
DA2AV052	DA222HQLA	V052	1. OS Mode(adb), OS Mode(adb), if adb	This project is detached from DA2.
(NVIDIA)			mode is supported.	
			2. Boot Rocovery Mode	
			(Choose from engineer mode)	

2.2. List of Unsupported Models

Following projects please see latest version.

New version of download tools are not support following models after latest version.

Device	Model	Android Version	Support Flash Mode	Latest Version	Notice
ManU	A1-820	V052	1. OS Mode(adb)	RD: acer_DownloadTool_V7.001	Security:
(Intel)			2. Emergency Download Mode	CSD: NA, unreleased project.	Device is user version (iafw is user
			3. Droidboot mode		releasekey also), can flash user BIN only.
					Device is userdebug version (latwis
					userdebug cestkey also), call hash
Picasso	A500/A501	V041/V042	OS Mode(adb),	RD: acer DownloadTool V7.000	
Tablet	,		Boot Rocovery Mode	CSD: acer DownloadTool V5.003 CSD	
(NVIDIA)			(Key combination1)		
PicassoE	A200	V032/V041/V042	OS Mode(adb),	RD: acer_DownloadTool_V7.000	
Tablet			Boot Rocovery Mode	CSD: acer_DownloadTool_V5.003_CSD	
(NVIDIA)			(Key combination1)		
VanGogh	A100/A101	V041/V042/HV041	OS Mode(adb),	RD: acer_DownloadTool_V7.000	
Tablet	(Huawei included)		Boot Rocovery Mode	CSD: acer_DownloadTool_V5.003_CSD	
(NVIDIA)			(Key combination1)		
PicassoM	A510/A511	V041/V051	Boot Rocovery Mode	RD: acer_DownloadTool_V7.000	
			(Key combination2)	CSD: acer_Download1ool_V5.003_CSD	
	A700/A701		Boot Bocovery Mode	RD: acer DownloadTool V/7 000	
Tablet	A700/A701	V041/V043/V031	(Key combination?)	CSD: acer_DownloadTool_V5.000	
(NVIDIA)					
PicassoE2	A210, A211	V041, V043, V051	Boot Rocovery Mode	RD: acer_DownloadTool_V7.000	
Tablet	Without flexrom		(Key combination2)	CSD: acer_DownloadTool_V5.003_CSD	
(NVIDIA)					
A110	A110	V051	Boot Rocovery Mode	RD: acer_DownloadTool_V7.000	Not internal project.
Tablet	(CSD mode only)		(Key combination3)	CSD: acer_DownloadTool_V5.003_CSD	
(NVIDIA)					
A9	S500	V041, V043, V051	OS Mode(adb),	RD: acer_DownloadTool_V7.000	
Phone			fastboot mode	CSD: acer_DownloadTool_V5.003_CSD	
(Qualcomm)					

Flash mode hot key:

Boot-Recovey mode: (Depends on each device's spec. Please reference to PES document.)

(Key combination1) RESET hole and power key, wait for 3 seconds.

(Key combination2) volume up + volume down + power key, wait for 3 seconds.

(Key combination3) Volume down key + power key, wait for 3 seconds.

OS mode:

(ICS) Device enter OS \rightarrow Settings \rightarrow Applications \rightarrow Development \rightarrow USB debugging On.

(JB, KitKat) Device enter OS \rightarrow Settings \rightarrow Developer options \rightarrow USB Debugging On.

If Developer options does not appears on Settings list, please go to About tablet -> click build number until message "you are now a developer" appears on device's screen.

Fastboot mode: (Depends on each device's spec.)

Volume **up** (the button which near power key) + power key

E600: Volume **down** + power key

Engineer mode: Depends on each device's spec.

Droidboot mode: Press volume down key and do not release then press power key, after device vibrates once release power key wait for 8 seconds then release volume down key. (Droidboot mode as following figure.)



Emergency Download Mode (DNX mode): volume up + volume down do not release then press power key, press these three keys until device boot then keep press for 8 seconds.

How to know in emergency mode or not? You can check with device manager in your computer and see download tool detect emergency device=1 In current projects:

IAFW: for example, A1-840FHD, in emergency mode see stop at ACER logo.

UEFI: forexample A1-840 (HD Wi-Fi), show DNX on screen.

Windows Mass Storage: Press volume up + power key for about 6 minutes. You can see logo on device screen as following figure.



3. Download Tool Diagram

3.1 RD Mode NVDIA Page Setting

Support Version Past Projects About	3
Merged OS File : Boot-Recovery : 0個裝置已經找到。VID/PID: Adb : 0個裝置已經找到。VID/PID:	Select File 2014-07-31 07:22:00 11 Start 10
 Repartition (Userdata will be erased.) Flash Bootloader.bin From Specific Bootloader.bin Merge's Bootloader.bin 	Device 0 / 0 Download Tool Current Status
Connect SBK Server Username :	
Password : CPU ID : MBSN :	Information Open Log Folder

1. Program name and version.

RD version: for RD, DV, TE testing using. CSD version: for Repair Center using.

2. Main MENU:

Support Version: see support model here.

Past Project: see past model here and past model's download tool version.

- 3. The selected Acer merge bin file
- 4. Choose page for NVDIA, Qualcomm or Intel
- 5. Adb and Boot-Recovery To identify the device.

6. Repartition

User data will be erased when "Repartition" is selected.

7. Flash Bootloader.bin

The Bootloader will be updated when "Flash Bootloader.bin" is selected.

If "Specific Bootloader.bin" is selected, the chosen file will be updated to the device.

If "Merge's Bootloader.bin" is selected, the bootloader will be updated from the Merge's file.

8. Type SBK

You can type SBK while SBK item is checked. This item is for fused devices.

(You can use 9 to instead this item.)

9. Connect SBK Server

If your device already save SBK information on SIC server, you can select "Connect SBK Server" to connected to the Server for SBK procedure.

This item is for fused devices

10. Start button

Click start to flash BIN.

11. Progress bar

To indicate the download progress.

12. Debug message window

Flash status here.

13. Log folder

Click button to open log folder.

Operating Flow

a-1 There are two way to download bin file, OS mode and Boot-Recovery Mode.

OS mode is recommended. BR mode can be executed when the device fails to boot-up on OS mode.

a-2 OS mode : Be sure that the device is open

and connected to PC before pressing start button.

BR mode : Press the hot key (depends on your device spec.) wait for 3 seconds.

a-3 OS mode : Turn on Debug mode of the device.

BR mode : Connet to PC after the device opened on BR mode.

a-4 OS mode : The text of Adb will show as below:

Merged OS File :	E:\PandozaPzojects\DA2AV052\Acex_AV052_DA222HQLA_RV01	RC05_WW_(Select File
Boot-Recovery :	0	Start
Adb :	0	Start

If Show following message means your adb driver does not finish install yet, please check your adb/fastboot driver has been installed.



BR mode : The text of **Boot-Recovery** will show as bellow:

Merged OS File : E:\PandouaPuojects\DA2\Acex_AV052_DA222HQL_RV11RC02_WW_GEN1.bir Select File			
Boot-Recovery :	1	Ctort	
Adb :	0	Start	

a-5 Select the Acer merge bin file.

a-6 Decide if "Repartition" is needed.

a-7 Decide if bootloader download is needed or which bootloader to be downloaded.

a-8 Press Start button and you will find the program running as below. Please wait for check merge bin file process.

Merged OS File : E:\PandoxaProjects\DA2AV052\Acex_AV052_DA222HQLA_RV01RC0	S_WW_C Select File 2014-06-16
Boot-Recovery: 1	Start
Adb: 0	Start
Repartition (Userdata will be erased.)	Device 2 / 5
Flash Bootloader.bin	
Specific Bootloader.bin Select	Download Tool Current Status
Merge's Bootloader.bin	燒錄進行中,請勿移除USB線!
Б свк	
	>> 即將開始驗證.BIN檔案,請等候一下。
Connect SBK Server	>> now, in Boot-Recovery mode >> going to flash your device
Username :	>> Flash bootloader.bin Succ!!
Password :	- Hash recovery.inig succ.:
CPU ID :	Information
MBSN :	Open Log Folder

a-10 BIN file has been downloaded successfully.

Support Version Past Projects About	
Merged OS File: E:\FandousProjects\DA2AV052\Acex_AV052_DA222HQLA_RV01RC05_ Boot-Recovery: 0 Adb: 0	WW_ Select File 2014-06-16 Start 11:15:48
Repartition (Userdata will be erased.)	Device 5 / 5
From Specific Bootloader.bin Merge's Bootloader.bin SBK	Download Tool Current Status 最終結果:全部的Download流程皆成功!!
Connect SBK Server Username : Password :	>> Flash *.dtb Succ!! >> flashing process Succ!! >> 最終結果:全部的Download流程皆成功!! >> 程式結束, USB線可以移除了。 >> Process finished at:20140616_11:15:37
CPUID: MBSN:	Information Open Log Folder

3.2 CSD Mode NVDIA Page Setting

Please reference to RD Mode UI descriptions.

- \rightarrow Type User name & Password
- $\rightarrow~$ If Start from Boot Recovery mode type CPUID or MBSN

→ Click Start	CSD Version	
 ▲ Cer Download Tool V120CSD_Version Support Version Past Projects About 	Select File 2014-07-31 07:12:47 Start Device 0 / 0 Download Tool Current Status	This information is associated with SIC server. Need following items: 1. User name 2. Password 3. CPU ID or MBSN
	Information Open Log Folder	

3.3 RD mode Qualcomm Setting

Step0. Choose Mobile Qualcomm Page first.

Step1. Device Enter "fastboot mode" or ADB mode

Device will show "boot mode: fastboot/ADB on screen, and download tool will show "1 devices has been founded."

Support Version Past Projects About	
	→ ₀
SELECTION	
✓ Folder Selection	
E:\PandoraProjects\old_projects\A12\A12LTEV0K0\Acer_AV0 Select	
SETTING	
 Reboot Is Need User Menu for Items START 	
STATUS 3	
Flash Status	
ADB 1個裝置已經找到。VID/PD-108_1	Information
Fastboot 0個裝置已經找到。VID/PID:	Open Log Folder

If start from fastboot mode, device shows 1 on Fastboot textbox.

ADB	o個裝置已經找到。VID/PID:
Fastboot	1個裝置已經找到。 V <mark>ID/PID: FT_04</mark>

Step2. Folder Selection selected: \checkmark

[Note] about SETTING 's Items:

1. Reboot Is Needed: selected if you want to reboot device after finish burn BIN files.

2. Merge Bin File: selected while you are burn BIN files.

Click "User MENU for Items" for more function.

Step3. Click "SELECT"

Step3.1 Choose your bin file folder (BIN or _system.img inside)

Step3.2 Choose "確定"



Step 4. Press "START" button, Image will start burn.

As following figure "Flash process is running!"

It may cost 8 to 15 minutes to burn depends on image size and your system.

Support Version Past Projects About	
SELECTION Folder Selection E:\PandoraProjects\old_projects\A12\A12LTEV0K0\Acer_AV0 Select SETTING	2 files will be flash into the device. Acer_AVOK0_S520_D1405161_EMEA_GEN1L_1.bin Acer_AVOK0_S520_D1405161_EMEA_GEN1L_2.bin Flash Process Beginning. Please do not remove the USB cable, until the program shows information that you can do it.
Reboot Is Need User Menu for Items START	
STATUS Flash Status 燒錄進行中,請勿移除USB線!	
ADB 0個裝置已經找到。VID/PID: Fastboot 1個裝置已經找到。VID/PID: FT_04	Open Log Folder

Step5. After Finishing Image burn will show following message:

Flash Process Success! (See following figure).

If you need to flash next file, please wait for clean data process done.

SELECTION 7 Folder Sele E:\PandoraProje SETTING 7 Reboot Is N 7 Merge Bin F	ection ects\old_projects\A12\A12LTEVOKO\Acer_AVOI Select leed File User Menu for Items START	[OKAY] OKAY [19.350s] flash bin OKAY. iRet0 flash bin "E:\PandoraProjects\old_projects\A12 \A12LTEVOKO\Acer_AVOKO_S520[D1405161 _EMEA_GEN1L\user\CleanUserData\Acer_AVOKO _S520_D1405161_EMEA_GEN1L_2.bin" [OKAY] OKAY [33.385s] (bootloader) system update ready with sparse function! [OKAY] OKAY [86.036s]	*
STATUS Flash Status	最終結果:全部的Download流程皆成功!! 程式結束, USB線可以移除了。	flash bin OKAY. iRet0 Rebeat the device. = Clean files, please wait = Data clean done, you can going to flash images now.	
ADB	o個裝置已經找到。VID/PID:	Information	Open log

3.4 CSD mode Qualcomm Page Setting

Almost same as RD mode but can not select some function, flash BIN file only. Steps: Select BIN file folder \rightarrow After device is found \rightarrow Click "START" You can start from fastboot mode or adb mode.

🛔 Acer Download 1	Tool V12.01_CSD_Version	
Support Version	Past Projects About	
SELECTION		
🔽 Folder Sele	ction	
	Select	
SETTING		
Reboot Is N	eed User Menu for Items START	
Meige bin r		
STATUS		
Flash Status		
ADB	o個裝置已經找到。VID/PID:	Information
Fastboot	o個裝置已經找到。vid/Pid:	Open Log Folder
, and out		open tog rotet

3.5 RD mode Intel Page Setting Step 1. Click "Select" Button choose your BIN file folder

🚔 Acer Download Tool V12.01_RD_Version	
Support Version Past Projects About	
SELECTION	
E:\PandoraProjects\new_Ducati2HD\Acer_AV0K1_A1-840_RVI Select	
SETTING	
Flash Status	Information
ADB 0個裝置已經找到。VID/PID:	Device Type (ADB Mode only):
Droidboot 0個裝置已經找到。VID/PID:	
Emergency 0個裝置已經找到。VID/PID:	Open Log Folder



Step2. Choose "Intel" page

Flash Mode1: ADB mode

You can start from ADB (OS mode) Go to settins->Display->Sleep->Choose Never

Settings			
WIRELESS & M	NETWORKS Display		
🗢 Wi-Fi	ON		
Blueto	Sleep		
O Data us	15 seconds	0	
More DEVICE	30 seconds		
🐠 Sound	1 minute		
DisplayE Storage	2 minutes		
Battery	5 minutes		
🖾 Apps	10 minutes		
Users PERSONAL	30 minutes		
Registr	Never	۲	
Intel® S	Cancel		
Location	on access		

Go to settings->Developer options-> USB debugging on-> pop out a window: Allow USB debugging? Choose OK If device is found, download tool show ADB: 1

STATUS	sda LAFW		acer Down
Flash	Status		
	ADB	1個裝置已經找到。	
C. DOWN			

If you see following pop-up window:

adb devices error
Please allow USB debugging or reconnect device then try again!

Please check device appears following message box, please click "Always allow from this computer" then click OK. Then you can click "OK" on "adb devices error" window to continue flash process.

Regist	👔 Allow USB debuggin	g?	
+ Locati	The computer's RSA key fin 83:83:F7:15:6E:0D:20:64:0C	gerprint is: 58:00:A8:0E:4E:15:0A	
Securi	v. Always allow from this comp	uter	
🖬 Langu			
🔿 Backu	Cancel	ОК	
		un appede too attioner	

Flash Mode2: Emergency download mode

If device cannot boot to OS, please using emergency download mode to flash image:

Click "Emergency Download" item:

You can click "START" directly with device power off.

, tear bennioue	Tool V12.01_RD_Version	
Support Versior	Past Projects About	
SELECTION		
E:\PandoraProj	ects\new_Ducati2HD\Acer_AV0K1_A1-840_RVI Select	
SETTING Erase user Emergency Reboot Is I Skip droidl STATUS	ata Skip IAFW/UEFI update /DNX Download User Menu for Items oot reboot	
Flash Status		Information
Flash Status ADB	o個裝置已經找到。VID/PID:	Information Device Type (ADB Mode only):
Flash Status ADB Droidboot	o個裝置已經找到。VID/PID: o個裝置已經找到。VID/PID:	Information Device Type (ADB Mode only):

I you click "START" but device already in emergency mode, you will see following message: Please turn off your device.



After Emergenvy Download message pop-up, you can enter emergency mode now.

ee E	mergency DL Connect	• 🗙
	Emergency Download	
	You can enter emergency mode now!	
	If device found, Please click OK .	
	Emergency Device: 0. Device not found!	
	You can click Exit to stop flash process	
	OK	



Device found then you can click OK or "Exit" to stop flash process.

Flash Mode3. Droidboot mode

Enter droidboot mode, found droidboot device: 1

Acer Download	Tool V12.01_RD_Version	
Support Version	Past Projects About	
SELECTION E:\PandoraProj	ects\new_Ducati2HD\Acer_AV0K1_A1-840_RV	
SETTING Erase usero Emergency Reboot Is N Skip droidb	data Skip IAFW/UEFI update /DNX Download leed boot reboot User Menu for Items	
STATUS Flash Status		
ADB	o個裝置已經找到。VID/PID:	Information Device Type (ADB Mode only):
Droidboot	1個裝置已經找到。VID/PID: FT_01	
Emergency	o個裝置已經找到。VID/PID:	Open Log Folder

See more items in user menu:

Click "User Menu for Items" to see more function.

SETTING Frase userdata	Skip IAFW/UEFI update	
Emergency/DNX Download		START
🔽 Reboot Is Need		0
📃 Skip droidboot reboot	User Menu for Items	

_		
?	How to flash : Device: user, image: user (Or device: debug,	image: debug)
	User is releasekey, debug is testkey here. (You could check:	adb shell getprop ro.build.fingerprint)
13	SETTING	anter device round.
	Erase userdata Emergency/DNX Download	STADT
	Reboot Is Need Skip droidboot reboot	SIAKI

Step 3. Click "START" on Tool UI, start to flash your device.

Acer Download Tool V12.01_RD_Version	
Support Version Past Projects About	
SELECTION E\PandoraProjects\new_Ducati2HD\Acer_AVOK1_A1-840_RVI SETTING Image: Second	2 files will be flash into the device. Acer_AVOK1_A1-840_RVOARB02_TWN_GEN1_1.bin Acer_AVOK1_A1-840_RVOARB02_TWN_GEN1_2.bin Hash Process Beginning. Please do not remove the USB cable, until the program shows information that you can do it. File: Acer_AVOK1_A1-840_RVOARB02_TWN_GEN1_1.bin MU
STATUS Flash Status <mark>燒錄進行中,請勿移除USB線!</mark>	Information
ADB 0個裝置已經找到。VID/PID:	Device Type (ADB Mode only):
Droidboot 1個裝置已經找到。VID/PID: FT_01	
Emergency 0個裝置已經找到。VID/PID:	Open Log Folder

Step 4. If flash success will show message as following figure, then you can remove your device with USB. After "All Process Done!" message appears, you can close download tool or flash next device.

Support Version Past Projects About		
SELECTION Select E\PandoraProjects\new_Ducati2HD\Acer_AV0K1_A1-840_RVI Select SETTING Skip IAFW/UEFI update Energency/DNX Download Skip IAFW/UEFI update Reboot Is Need User Menu for Items	[OKAY] OKAY [0.789s] [IT Md] flash recovery OKAY. iRet: 0 flash system "system.img" [OKAY] OKAY [100.083s] [OKAY] OKAY [60.811s] [IT Md] flash system OKAY. iRet: 0 Reboot the device. [OKAY] OKAY [0.253s]	
STATUS 最終結果:全部的Download流程皆成功!!	= Clean files, please wait = All Process Done!	
Flash Status 程式結束, USB線可以移除了。	Information	Device is
ADB o個裝置已經找到。VID/PID:	Device Type (ADB Mode only):	(ADB Mode only)
Droidboot 0個裝置已經找到。VID/PID: Emergency 0個裝置已經找到。VID/PID:	Open Log Folder	
	Log folder	

Stop update process:

In Intel platform need to change mode during flash process, change mode behavior need to wait for 30 to 40 seconds.

(It is associated with your computer performance.)

"STOP" process button can stop flash process but this function is not suggest user to click unless your device is no response and need to close download tool.

In some condition you need to wait for a while then process could be stopped.

Such as: device is under repartition or flash main images.





3.6 CSD mode Intel Page Setting

Item "Skip IAFW update" do not support CSD mode. Flash steps please see 3.5 RD mode Intel Page Setting.



3.6 RD mode Windows Page Setting

- 1. Choose "Windows Flash Page"
- 2. Select .ffu file for flash.
- 3. If "1" device found then click "START" to flash ffu image.

Acer Download Tool V17.00_RD_Version	
Support Version Past Projects About	
SELECTION	2
E:\MobileCode\20141222\code_folder\WP\WP_OUT\WP8_8612_CUSTOM.ffu	Select
Flash Status Port 0個裝置已經找到。WinUSB VID/PID:	2
	START
	Open Log Folder

Flashing image please wait for 10~15 minutes.

Acer Download	Tool V17.00_RD_Version			
Support Version	Past Projects About			
		(intel)	27	
SELECTION				
E:\MobileCode\	20141222\code_folder\WP\WP	_OUT\WP8_8612_CUSTOM.	ffu	Select
STATUS Flash Status Port	燒錄進行中,請勿移除 1個裝置已經找到。Wint	SB VID/PID: WM_01		
STATUS				
Process Startin Windows devii Check working Checking VID/F Device Model I Checking VID/F Checking ffu de	ng Time is : 20141225_18:23:32 ces VID/PID:WM_01 directory PID with model Info .ist: M220 PID with model Info done. evice			START
				Open Log Folder

Windows .ffu image flash success.

You can open log folder by using "Open Log Folder" button.

V17.00_RD_Version			
st Projects About			
	intel	~~	
1222\code_folder\WP\WP_I	OUT\WP8_8612_CUSTOM.	ffu	Select
終結果 : 全部的Down 式結束, USB線可以移 I裝置已經找到。WinUS	load流程皆成功!! 除了。 SB VID/PID: WM_01		
ed" und, Return flag: True ed" done.			START
Process Done.		-	Open Log Folder
	V17.00_RD_Version st Projects About QUALCONVM 1222\code_folder\WP\WP_ 1222\code_folder\WP_ 1222\code_folder\WP\WP_ 12222\code_folder\WP\WP_ 12222\code_folder\WP\WP	V17.00_RD_Version st Projects About QUALCOMM CONTROL CONTRUCTURA CONTRUCTURA CONTROL CONTROL CONTROL CONTRU	V17.00_RD_Version st Projects About QUALCOMM

4. Appendix

4.1 CSD error message

For CSD download tool error message handling:

使用者方面問題	
中英文訊息提示	說明
沒有可供升級的.BIN 檔案。	請使用者確定指定的路徑有 BIN 檔存在
There is no .BIN file for upgrading.	
沒有可供升級的檔案(散檔)。	請使用者確定指定的路徑有散檔存在
There is no images (unmerged files) for upgrading.	
存放.BIN 檔所在位置的硬碟空間不足。	使用者需清出足夠的空間才能進行燒錄
Out of disk space where you place .BIN file.	請清出所需空間顯示的大小
	(依據 BIN 檔的兩倍大小空間)
請點選 Image 的 Android 版本。	A110 燒錄散檔時的選項
Please select images' Android verion.	因為散檔無法從 BIN 中解析版本資訊的關係,需
	要使用者選取 ICS or JB 等選項
此裝置不支援從 OS mode 進行燒錄,	Tablet: 目前有 EC 的案子支援從 OS mode (adb)
請換成 Download mode 再開始燒錄。	其他 Tablet 案子從 boot-recovery mode 燒錄
Unsupported mode: OS mode, please switch device to	Phone: 支援 OS mode(adb) 及 fastboot mode
download mode.	
此裝置是手機系列,請選擇手機燒錄頁面!	使用者需切換到 Phone 的燒錄頁面
This is Phone Series, not support in tablet tool page.	
請輸入正確的使用者帳號密碼!	如果確定使用者的帳號密碼輸入正確,
Please fill in correct user name and password!	則可能是伺服器資料登記錯誤,
	需與登記人員確認。

CPUID/MBSN 不正確或登記資訊有誤。	輸入的裝置 CPUID 或是 MBSN 有誤
CPUID/MBSN incorrect or registered data incorrect!	或是這個裝置沒有建立資料在 Database
	也有可能是資料登記錯誤
	需要與登記資料的相關人員聯絡
無法連線到伺服器,請確定可連線到網際網路後再	使用者網路問題,無法連線到 Server
試一次。	
Link to SBK server fail. Please check internet connection	
is OK then try again.	

伺服器連線或資料登記問題	
中英文訊息提示	說明
SBK 不正確或不是燒斷的裝置不需要 SBK。	對 CSD 而言,由於機器都是燒斷的,
SBK incorrect or device is unfused doesn't need SBK.	此訊息代表 Server 登記的 SBK 可能是錯誤的。
	需向 Server 端評估
SBK 伺服器連線錯誤,無法取得資訊。	SBK 伺服器連線問題,需聯絡 D 棟 IT
SBK server Error, can not obtain data from SBK server.	
從伺服器取得 SBK 資訊發生錯誤。	半知的伺服哭逋娘問題露季 log 分析原因
Obtain SBK from server fail!	不知时间放船连续问题而有 log 刀彻床凶

沒有被分類到的錯誤訊息都請跟Download Tool RD聯絡謝謝!

RD 分析類型	
中英文訊息提示	說明
裝置問題,需要裝置分析問題!	板子可能損壞了,需要機器分析
Device Problem! Need device to analyze!	
flash.cfg 內定義的形式不支援。 需使用支援的 NV 版本。	image 檔案格式不被 NV flash 支援的問題

flash.cfg type unsupported. Need to use correct version	
NV.	
找不到 NV flash 資料夾。	BIN 檔找不到對應的 Nvflash
NV flash folder not found!	
請使用正確版本的 NV flash	不支援的 Nvflash 版本需更新
Using wrong version NV.	
NV flash 燒錄時發生錯誤!	需看 download tool log 分析燒錄錯誤的地方
Error occur while nvflash.	

4.2 Check Driver

[ADB] or [Fastboot] or [Droidboot] Please using Acer driver.

Check adb device is found as following, and check adb driver has been installed. Some devices's fastboot has the same name with "ADB Interface".



[Fastboot] or [Droidboot]

Check fastboot device is found as following, and check fastboot driver has been installed.



[Boot-Recovery]

Check Boot-Recovery device is found as following, and check Boot-Recovery driver has been installed.



[Emergency Mode]

Please using Intel Driver.

[Mass Storage Mode]

