



C9 Red OS-Aktualisierung

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Contents

1	Preparation								
	1.1	Tools Needed	4						
2	Update	Steps	.4						
	2.1	De-energising the Device	4						
	2.2	Start Update Software	4						
	2.3	Select update file in update software	4						
	2.4	Start Updating	5						
	2.5	If it does not work	6						
3	Restart	ing the Device after the Update	.6						
4	Brief Summary · Kurzbeschreibung7								

1 Preparation

1.1 Tools Needed

- Updating Software: MT6735_SP_Flash_Tool_exe (you don't need to install this software)
- System File in RAR archive
- Windows PC

Drivers are automatically installed as of Windows 10.

2 Update Steps

2.1 De-energising the Device

Disconnect the device from the USB port. Shut down the device and remove the battery pack. The device to be updated must be de-energised.

2.2 Start Update Software

Go to the folder:SP_Flash_Tool_exe_Windows_v5.1936.00.000Start this software there:flash_tool.exe

You may receive this error message, which you can simply click away:



2.3 Select update file in update software

Smart Phone Flash Tool(Runtime Trac	e Mode)									-		×
<u>F</u> ile <u>O</u> ptions <u>W</u> indow <u>H</u> elp												
	W <u>e</u> lcome	Form <u>a</u> t	Download	<u>R</u> eadback	Memory <u>T</u> est							
вм	Down	load	Stop									
	Download	-Agent	Q:\SDK\Releas	ed Versions\C9	Black OS Update\;	P_Flash_Tool_e	exe_Windows_	v5.1936.00.000	(MTK_AllInOne_D	A.bin	choose	
	Scatter-lo	ading File								~	choose	
MediaTek	Authentica	ation File								~	choose	
местатек	Download	Only	-									
	✓ N	lame Be	gin Address	End Address			Lo	ocation				

In the 'Scatter-loading File' line, click on the [choose] button on the right. Navigate to the folder with the OS image (or with a more recent date). Select this file there: 'MTxxxx_Android_scatter.txt' and select [Open] Now wait for the files of the new operating system to load:

Smart Phone Flas	h Tool(Runtime Tra	ice Mode)						- 0	×
<u>File Options Win</u>	dow <u>H</u> elp								
		Welcome	e Form <u>a</u> t l	Download <u>R</u> eadbac	k Memory <u>T</u> est				
вм		Do		Stop					
		Downlo	ad-Agent Q:	SDK\Released Versions \	C9 Black OS Update\SP_F	Flash_Tool_exe_Windows_v	/5.1936.00.000\\MTK_AllInOne_DA.bi	in 📄 choo	se
MT6	771	Authen	ntication File	3DK (keleased versions (k	J9 Black US Update (2020)1022_X6_gms_senaiport_c	:EA (MI 6771_Android_scatter.txt		se
		Downlo	oad Only	•					_
			Name	Begin Address	End Address	Region	Location	^	•
			preloader	0x0000000000000000000	0 0x0000000004301f	EMMC_BOOT1_BOOT2	Q:\SDK\Released Versions\C9 Bla	ck OS Up	
			recovery	0x00000000010800	0 0x000000002107fff	EMMC_USER	Q:\SDK\Released Versions\C9 Bla	ck OS Up	
		\checkmark	vbmeta	0x0000000368800	0 0x00000003688fff	EMMC_USER	Q:\SDK\Released Versions\C9 Bla	ck OS Up	
			vbmeta_system	0x00000003e8800	0 0x00000003e88fff	EMMC_USER	Q:\SDK\Released Versions\C9 Bla	ck OS Up	
			vbmeta_vendor	r 0x00000000468800	0 0x000000004688fff	EMMC_USER	Q:\SDK\Released Versions\C9 Bla	ck OS Up	
			md1img	0x00000001350000	0 0x00000001664aeff	EMMC_USER	Q:\SDK\Released Versions\C9 Bla	ck OS Up	
			spmfw	0x00000001990000	0 0x00000001990cddf	EMMC_USER	Q:\SDK\Released Versions\C9 Bla	ck OS Up	
			scp1	0x000000019a0000	0 0x000000019aa239f	EMMC_USER	Q:\SDK\Released Versions\C9 Bla	ck OS Up	
			scp2	0x00000001a00000	0 0x00000001a0a239f	EMMC_USER	Q:\SDK\Released Versions\C9 Bla	ck OS Up	
			sspm_1	0x00000001a60000	0 0x00000001a67901f	EMMC_USER	Q:\SDK\Released Versions\C9 Bla	ck OS Up	
			sspm_2	0x00000001a70000	0 0x00000001a77901f	EMMC_USER	Q:\SDK\Released Versions\C9 Bla	ck OS Up	
			cam_vpu1	0x00000001a80000	0 0x00000001a99381f	EMMC_USER	Q:\SDK\Released Versions\C9 Bla	ck OS Up 💉	
	İ		0 B/s	0 Bytes	EMMC High Sp	eed 0:00	USB: DA Download All(high speed,au	uto detect)	

2.4 Start Updating

WARNING: Never select the 'Format' function!

The 'Download Only' function is probably selected in the pull-down menu. This is correct.

Now start the process by clicking on <u>Download</u> and connect the device to be updated. Do not start the device, just connect the USB cable.

Several progress bars should now appear at the bottom of the software. The last one is yellow, takes longer and installs most of the operating system.

			V	teel	0x000000000000000000000000000000000000	0x000000000000ebtt	EMMC_USER	Q:\00 Products\Handheld Wireless\OS Update\Hardware V2		
🔄 Chip Info								Q:\00 Products\Handheld Wireless\OS Update\Hardware V2		
			\checkmark	system	0x00000000b000000	0x00000000516426e3	EMMC_USER	Q:\00 Products\Handheld Wireless\OS Update\Hardware V2		
Chip Version:	0x0000ca00			cache	0x000000066600000	0x00000006b80012f	EMMC_USER	Q:\00 Products\Handheld Wireless\OS Update\Hardware V2		
Ext Clock:	EXT_26M		\checkmark	userdata	0x000000084000000	0x000000088a524d7	EMMC_USER	Q:\00 Products\Handheld Wireless\OS Update\Hardware V2		
Extern RAM Type:	DRAM	E								
Extern RAM Size:	0x80000000									
SRAM Size:	0x00020000	μĽ	_							
	Download Flash 3%									
🗱 EMMC Flash	EMMC Flash 3.12M/s 45.26M EMMC High Speed 0:28 PreLoader USB VCOM (Android) (COM23)									

This process can take several minutes. At the end, the yellow progress bar should have reached 100 % and a confirmation dialogue will show successful completion.

	Download Only	•	
M16572	V Name	Begin 🗧 Download Ok	Location
	PRELOADER	0x000000	ers\Administrator\Desktop\H901\20151226_H901_TH1d
	MBR	0x000000	ers\Administrator\Desktop\H901\20151226_H901_TH1d
	EBR1	0x000000	ers\Administrator\Desktop\H901\20151226_H901_TH1d
	UBOOT	0x000000	ers\Administrator\Desktop\H901\20151226_H901_TH1d
	BOOTIMG	0x00000x0	ers\Administrator\Desktop\H901\20151226_H901_TH1d
	RECOVERY	0x00000C	ers\Administrator\Desktop\H901\20151226_H901_TH1d
	SEC_RO	0x00000x0	ers\Administrator\Desktop\H901\20151226_H901_TH1d
2 Chip Info	☑ LOGO	0x00000003e40000 0x000000	0003e7ead9 C:\Users\Administrator\Desktop\H901\20151226_H901_TH1d
	ANDROID	0x000000004b40000 0x000000	000176ac89f C:\Users\Administrator\Desktop\H901\20151226_H901_TH1d
Chip Name: MT6572_SOO	CACHE	0x00000036b40000 0x000000	0003711e0cf C:\Users\Administrator\Desktop\H901\20151226_H901_TH1d
Chip Version: Dx0000ca01	USRDATA	0x000000044d40000 0x000000	00464bf2a3 C:\Users\Administrator\Desktop\H901\20151226_H901_TH1d
Ext Clock: EXT_26M			
Extern RAM Type: DRAM			
Extern RAM Size: Dx40000000			
			Download Flash 100%
🗱 EMMC Flash	3.45M/s	338.67M EMMC	High Speed 1:42 PreLoader USB VCOM Port (COM11)

2.5 If it does not work

Disconnect the USB connection to the device, select [Firmware Upgrade] instead of [Download Only] in the pull-down menu and repeat the procedure.

WARNING: Never select the 'Format' function!

3 Restarting the Device after the Update

- 1. Disconnect the device from the USB port. It is now de-energised again.
- 2. Reinsert the battery pack and close the cover for a secure contact.
- 3. Press the power button for several seconds.
- 4. The start-up process will now take a very long time.

4 Brief Summary · Kurzbeschreibung

Device is NOT connected with your PC	Gerät ist nicht am PC angeschlossen
Switch OFF device	Gerät ausschalten
Remove battery pack	Akkupack entnehmen
Flash Tool starten	Flash Tool starten
Select Scatter file	Scatter auswählen
Select "Download only" to update to the same Android version. For Upgrade to a mayor release chose "Firmware Upgrade"	Wählen Sie "Download only" aus um eine Aktualisierung der gleichen Android-Version vorzunehmen. Wenn sie auf eine neuer Hauptversion aufstocken, wählen Sie "Firmware Upgrade"
Click [Download]	Download klicken
Plug in the USB connector	Gerät per USB verbinden
The procedure will start automatically	Die Prozedur sollte jetzt automatisch ablaufen