

USB Burning Method on DB3588 V2

V1.0





Content

REVISION HISTORY	3
1.Applicable Platform	4
2.Prerequisites for burning	4
3.Installation steps of the burning tool	4
4.Steps of burning firmware	9



DATE	REVISION TYPE	REVISION #	COMMENTS	INITIALS
2023/2/23	Major	1.0	Initial version	LML



USB Burning Method on DB3568

1. Applicable Platform

Geniatech

• DB3588 V2 Android 12.0

2. Prerequisites for burning

- Download link of the tools for burning
 - Driver (DriverAssitant_v5.1.1.zip) : https://mega.nz/file/UjoSyZ5S#uKc3OdYogtCXxA1psLlX46OKCbbP1IyX5_W_c4W0UiM
 - Burning Tool (RKDevTool_Release_v2.81.zip) : https://mega.nz/file/wmoQCDab#z-aidTQK4ozFBbSlO00i-gMLnxOBHMPDOR8m2YqXr5c
- Type-C data cable
- Power adapter
- Host PC
- DB3588 V2

3. Installation steps of the burning tools

3.1 Download and unzip the Driver from the link above on your PC, and run

DriverInstall.exe. As shown in the following picture 3.1 to Picture 3.5:

F	新加卷 (H:) 🕨	
10	共享 🔻 新建文件夹	
	^{名称} Decompressed fi	le. Open it
	DriverAssitant_v5.1.1.zip	2022/10/20 18:44
	DriverAssitant_v5.1.1	2022/10/20 20:09

picture 3.1

Shenzhen Geniatech Inc., Ltd. www.geniatech.com



共享 ▼ 新建文件夹	
^{名称} Double click	修改日期
DriverInstall.exe	2020/11/10 14:15
Keadme.txt	2018/1/31 17:44
📄 config.ini	2014/6/3 15:38
📕 ADBDriver	2022/10/20 18:48
鷆 bin	2022/10/20 18:48
길 Driver	2022/10/20 18:48
Log	2022/10/20 20:13





picture 3.3

🔽 Windows 安全	×
您想安装这个设备软件吗? Do you want to install the device s	software?
名称: Fuzhou Rockchip Class for rockusb device 波布者: Fuzhou Rockchip Electronics Co., Ltd	R.
始终信任来目 "Fuzhou Rockchip Electronics Co., Ltd" 的软件(A)。	不安装(N)
🕡 您应仅从可信的发布者安装驱动程序软件。我如何确定哪些设备软件可以安全安装?	

picture 3.4

ech	Shenzhen Geniatech Inc., Ltd. www.geniatech.com
 第芯微驱动助手 v5.1.1 驱动き 驱动き 安装驱动成功. The driver is installe OK 确定 	図 図 I I I I I I I I I I I I I I I I I I

picture 3.5

3.2 Download and unzip RKDevTool Release v2.81.zip from the link above on your PC, then open the config.ini file under the decompressed file RKDevTool Release v2.81 and modify the value of Selected to 2. As shown in the following picture 3.6.



Picture 3.6

4. Steps of burning firmware

Jeniat

4.1 Run RKDevTool.exe , click "Upgrade Firmware" and "Firmware" to select firmware.

As shown in the following picture 4.1 to picture 4.3.



www.geniatech.com



Picture 4.1

● 新加卷 (H:) ▶ RKDevTool_Release_v2.81	•
共享 🔻 新建文件夹	
名称 Double click	修改日期
KKDevTool.exe	2021/1/28 9:09
RKDevTool_manual_v1.2_cn.pdf	2020/6/24 10:57
📴 RKDevTool_manual_v1.2_en.pdf	2020/6/24 10:58
📄 config.cfg	2020/12/28 21:42
📄 config.ini	2018/2/7 18:03
📄 readme.txt	2021/1/28 9:10
🌗 bin	2021/3/12 16:00
퉬 Language	2021/3/12 16:00
鷆 Log	2021/3/12 16:00



KDevTool v2.81		×
Download Image Upgrade Firmware Advanced Function		
Firmware Upgrade Switch EraseFlash		
Fw Ver: Loader Ver: Chip Info:		
Firmware:		
No Devices Found	-	

Picture 4.3

4.2 It will check and load the firmware. When loaded, the firmware information is displayed. As shown as follow picture 4.3.

eniate	ch	Shenzhen Geniatech Inc., I www.geniatech
🔀 RKDevTool v2.81		— D X
Download Image Vi Firmware Up Fw Ver:	<pre>>grade Firmware Advanced Function >grade Switch EraseFlash 11.0.00 Loader Ver: 1.01 Chip Info: RK3568 2:\Users\Administrator\Desktop\update.img</pre>	

Picture 4.3

4.3 Press and hold the update button of the box, connect your PC and the box through the USB data cable, then plug-in power-adapter, release the update button until appear "Found One LOADER Device" in the tool, as shown as follow picture 4.4 to 4.6.

PS: The connected type-c port, type-c data cable and upgrade button are shown in the following table for your reference.



Room 02-04, 10/F, Block A, Building 8, Shenzhen International Innovation Valley, Dashi Road, Nanshan District, Shenzhen, Guangdong, China Emai: <u>support@geniatech.com</u> Tel: (+ 86) 755 86028588



table 1

Picture 4.4

nload Image	Upgrade Fin	mware Ad	vanced Function					
Firmware	Upgrade	Switch	EraseFlash					
Fw Ver:	11.0.00	Loader	Ver: 1.01	Chip Info:	RK3568			
Firmware:	C:\Users\	Administra	tor\Desktop\updat	te.img				

Picture 4.5

3.6 Click "Upgrade" to start burning and the details of burning will be displayed on the

right, when burning is complete, the box will restart automatically.

)ownload Image	Upgrade Firmware Advanced Function		Test Device Start Test Device Success		
Firmware Fw Ver: Firmware:	Upgrade Switch EraseFlash 11.0.00 Loader Ver: 1.01 C: \Users\Administrator\Desktop\updat	Chip Info: RK3568	Check Chip Start Check Chip Success Get FlashInfo Start Get FlashInfo Success Prepare IDB Start Prepare IDB Success Download IDB Start Download IDB Success Download Firmware Start Download Firmware(3%)		
	Found One LOADER I	Device			

Picture 4.6

RKDevTool v2	81	
Download Image Firmware Fw Ver: Firmware:	Upgrade Firmware Advanced Function Upgrade Switch EraseFlash 11.0.00 Loader Ver: 1.01 Chip Info: RK3568 C:\Users\Administrator\Desktop\update.img	Test Device Start Test Device Success Check Chip Start Check Chip Success Get FlashInfo Start Get FlashInfo Success Prepare IDB Start Prepare IDB Success Download IDB Start Download Firmware Start Download Firmware Start Download Firmware Success Reset Device Start Reset Device Success Upgrade Comple

Picture 4.7