

XPI-3566-ZERO Software User Manual

V1.0

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REVISION HISTORY

Time	Version	Purpose	Author	Comment
2023/10/07	1.0	Initial version	СМ	

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Driver download link:

https://mega.nz/file/xngxWJAb

Extract the code: I0HO5Rc_spGuMfzru40Wts4j6fFHwfZeH92WLRN4-P4

Flash the firmware & tool download link:

https://mega.nz/file/g0tSDRal

Extract the code: Tz-LOwep_oPmR_YvoHO818svtVQVQcQPHQiltg9rHak

1.Hardware preparation:

- Recordable type-c line
- Computer (take my computer as an example: Win10, Also runs on

Win11)

• XPI-3566-ZERO Hardware Equipment

Note: If the computer cannot recognize the USB burning mode, you can try again after installing the driver; If the PC burns normally, the driver installation can be ignored.

2.Installation of burning tool driver:

(1) Download and decompress the driver, as shown in the following figure:

5称	修改日期	类型	大小
ADBDriver	2018/12/19 10:37	文件夹	
bin	2018/12/19 10:36	文件夹	
Driver	2018/12/19 10:37	文件夹	
Log	2021/11/9 10:04	文件夹	
👔 config.ini	2014/6/3 15:38	配置设置	1 KB
DriverInstall.exe	2019/3/19 10:09	应用程序	491 KB
Readme.txt	2018/1/31 17:44	文本文档	1 KB

RKC



(2) Double click "DriverInstall. Exe" "-> click" Driver Installation ", as shown

below:

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N	lame	Cate of modification	Туре	Size	
	ADBDriver	2018/12/19 10:37	Folder		
*	bin	2018/12/19 10:36	Folder		
1	Driver	2010/12/10 10:33	Folder		
*	Log	2010/12/19 10:03	Foldor		
-1	_ LOg	2021/11/9 10:03	Configureth+	11/0	
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	Driverinstall.exe	2019/3/19/10:09	Application	491 KB	
	Readme.txt	2018/1/31 1/:44	-) ext document	IKB	
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)					
5.)					
E:)					
F:)					
0110.168					
5110FEX					
2.4.7. 6 1.4.7					
(2) If th	o installatio	an is succossful, click	OK		
(3) 11 (11		on is successiul, click	UR.		
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3.Burning steps:

(1) Download the corresponding firmware version:

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rk3566-xpi-debian_RKS220614-base_hwV1.1_20221226181003.tar.gz

and decompress as follows:

Name	Burntool	Date of neodification	Туре	Size
RKDevT	oolRelease	2023-1-3 14:36	Folder	
rockdev	1	2023-1-3 15:28	Folder	

(2) The Run RKDevTool. Exe is located under the RKDevTool _ Release

"folder, as follows:

名称	修改日期	类型	大小	
bin	2022-12-26 18:10	文件夹		
Language	2022-12-26 18:10	文件夹		
Log	2023-1-5 14:52	文件夹		
🗋 config.cfg	2022-12-26 18:10	CFG 文件	6 KB	
🔊 config.ini	2022-12-26 18:10	配置设置	2 KB	
orion-config.cfg	2022-12-26 18:10	CFG 文件	7 KB	
px3se-config.cfg	2022-12-26 18:10	CFG 文件	7 KB	
px30-config.cfg	2022-12-26 18:10	CFG 文件	7 KB	
readme.txt	2022-12-26 18:10	文本文档	1 KB	
revision.txt	2022-12-26 18:10	文本文档	2 KB	
rk312x-config.cfg	2022-12-26 18:10	CFG 文件	6 KB	
rk356x-config.cfg	2022-12-26 18:10	CFG 文件	6 KB	
rk1808-config.cfg	2022-12-26 18:10	CFG 文件	7 KB	
rk3036-config.cfg	2022-12-26 18:10	CFG 文件	7 KB	
rk3128-config.cfg	2022-12-26 18:10	CFG 文件	7 KB	
rk3128h-config.cfg	2022-12-26 18:10	CFG 文件	7 KB	
rk3229-config.cfg	2022-12-26 18:10	CFG 文件	7 KB	
rk3288-config.cfg	2022-12-26 18:10	CFG 文件	7 KB	
rk3308-config.cfg	2022-12-26 18:10	CFG 文件	6 KB	
rk3326-config.cfg	2022-12-26 18:10	CFG 文件	7 KB	
rk3328-config.cfg	2022-12-26 18:10	CFG 文件	7 KB	
rk3399-config.cfg	2022-12-26 18:10	CFG 文件	7 KB	
rk3588-config.cfg	2022-12-26 18:10	CFG 文件	6 KB	
KKDevTool.exe	2022-12-26 18:10	应用程序	1,205 KB	
RKDevTool_manual_v1.2_cn.pdf	2022-12-26 18:10	WPS PDF 文档	530 KB	
RKDevTool_manual_v1.2_en.pdf	2022-12-26 18:10	WPS PDF 文档	448 KB	
rv1126_rv1109_tb-config.cfg	2022-12-26 18:10	CFG 文件	3 KB	
rv1126_rv1109-config.cfg	2022-12-26 18:10	CFG 文件	6 KB	
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:		Store	Address	Name	Path					
1	1		0x00000000	loader	\rockdey\MiniL	aderAll.bin				
2	~		0x0000000	parameter	.\rockder\para	meter. txt				
3	~		0x00004000	uboot	\rockdev\uboc	ot. img				
1	~		0x00006000	misa	 \rockdev\mise 	. img				
5	~		0x00008000	boot	\rockdev\boot.	ing				
5	~		0x00028000	recovery	. \rockdev\reco	very. img				
2			0x00068000	backup						
3	~		0x01C78000	œ	\rockdev\oes.i	ing				
1	~		0x00078000	rootfs	.\rockdev\roo	tfs. ing				
0	1		0×01D18000	userdata	\rockdev\user	data.img				
a	ler:		Cony out	Switch	Device partition table	Empty				

(3) Press and hold the upgrade button (on the side of the board-as shown below), connect the PC through the TYPC-C burning cable, and press and hold the upgrade button for 5-10 seconds after power-on until "a LOADER device is found" appears in the tool (a loading device is found), as shown in the following figure:

If the tool cannot find the device, reconnect the computer with the TYPC-C burning cable and power on the device while pressing the upgrade button for 5-10 seconds. It will prompt "a MASKROM device was found".

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		Store	Address	Name	Path	
t	1	12.7.1	0x00000000	loader	\rockdey\MiniLoaderA11.bin	
2.	1		0x00000000	parameter	. \rockder\parameter. txt	
3	1		0x00004000	uboot	\rockdev\uboot. img	
4	7		0x00006000	misa	. \rockdev\mise. img	
5	1		0x00008000	boot	\rockdev\boot.ing	
6	7		0x00028000	recovery	. \rockdev\recovery. img	
7	Г		0x00068000	backup		
в	17		0x01C78000	œ	\rockdev\oes. ing	
9	17		0x00078000	rootfs	. \rockdev\rootfs. ing	
10	V		0x01D18000	userdata	\rockdev\userdata.img	
5a	der:		Cerry out Force write by address	Switch	Desice partition Empty	

(4) Then click "Upgrade Firmware" and click "Firmware" to load the

update. IMG burning package. As follows:

l nload th+ Upprod	e Bhe Advanced Features				1	1	
Th+ finawar+	Upgrade Sy	witch					
Firmeware Version:	1.0.00 La	cader Version: 1.01	Chip information:	RK3568			
Firmwore:	Lebi an RKS2206	814-base hwV1.1_2022	1226181003\rockde\	\update.ing			

(5) Click "Upgrade", and the right side will display the upgrade details. After the upgrade is completed, the box will automatically restart, and the interface will display normally.

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Advanced free Upged 5 ftre Advanced free tures The Upged 5 ftre Upged 9 witch free tures Finnware Version 10.00 Losder Version: 1.01 Chip information: RK3568 Finnware Lebi an RKS220614-basehwW1.120221226181003\rockdev\update.ing	Sun of head equiprovent Test device succeeded Verify the chip With State Get In School for Start Getting Flash Info Start Getting Flash Info Succeeded Ready For ICON based Ready For ICON based Read School Flash Read School Flash R

Remark

- 1. If you upgrade from Android to Linux or Linux to Android, erase Flash first.
- a. Load the burn package update. IMG of the Android system/Linux system, select

"Advanced Functions", click "Erase All", and a "Success" prompt box will pop up.

Switch		
Loader Version: 1.01	Chip information: RK3	568
RKS220614-base hwV1.1_2022	21226181003\rockdev\upda	te.ing
	Switch Loader Version: 1.01 RKS220614-base hwW1.1_202	Switch Loader Version: 1.01 Chipinformation: RK3 RKS220614-base hwW1.1_20221226181003\rockdev\upda

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					Enase sector succeeded	
oot:				Downlow d		
				Unpack		
Read the FlashID	Read Flash information	Read Chip information	Read Capability	1. F1ASH 2. EMMC 3 SD		
T+ak+quipm+nt	Realart the device	Enter Maskrom	Switch storage	4. SD1 5 SPINOR 6 SPINAND 7 RAM		
dear the serial number	Detect safe mode	Export Serial Log	Gebithe current storage	e. USB 9. SATA 10. PCIE		
Biportifi+mirror	Erase sector	Erase all	2			
itart sector: umberof ebone			•			

b. When the erase is complete, turn off the power and restart. Display "found a

MASKROM device", and then continue to perform step 5 above to burn the system.

am+ Upgrade firmware	the Advanced features					
The firmware	Upgrade	Switch				
Firmwore Version:	1.0.00	Loader Version: 1.()] Chip information: F	K3568		
Firmware:	D:\test\rk356	i6-xpi-debian_RKS2	20614-base_hwV1.1_202	2122618100		

c. When the burning tool RKDevTool. exe can identify the LOADER/MASKROM

device, the Rockusb Device can also be found in the "Device Manager" on the PC side.

If not, please check whether the driver is installed normally or whether the steps are

correct.



- PC-20200511QFEX	
Class for rockusb devices	
😰 Rockusb Device	
> 📲 IDEATA/ATAPI Controller	
> 🚰 Jungo Connectivity	
> Processor	
🔉 🗫 Disk drive	
> Storage controller	
> 🛱 Print queue	
> 💭 Ports (CO M and LPT UNK1)	
> Computer	
> 🧰 Monitor	
> method	
> Ergonomic input device	
Software device	