Firmware flash procedure AIR3-7.3 -Boot only

Here is a procedure that allows you to flash the firmware. Please follow the steps one by one, exactly in the same order to make sure to flash the new firmware without problems. If you face any problem at any step, please contact us.

This procedure has to be applied with a Windows computer.

1/ Download 3 compressed files located in the following link (browse the different subfolders) and **save them on your computer**:

https://ftp.fly-air3.com/Firmware/

- Easy driver installer.zip (in Drivers subfolder)
- SP_Flash_Tool***.zip (in Flashtool subfolder)
- Firmware compressed file located in the 73 subfolder (DO NOT USE the WRONG firmware)

Uncompress the 3 files (<u>using 7 zip if necessary</u>: https://www.7-zip.org/ download and install the application.)

2/ Install the USB driver on your computer by clicking on the install.bat file and follow the steps..

Read the message during installation and make sure the drivers are correctly installed. In case the driver installer is not working, other folders exist with other drivers installer.

3/ Make sure AIR³ is <u>powered OFF</u> and <u>no USB cable is connected</u>.

4/ Launch the flash tool on your computer:

Nom	Modifié le	Туре	Taille
imageformats	19-06-18 03:48	Dossier de fichiers	
sqldrivers	19-06-18 03:48	Dossier de fichiers	
0 assistant.exe	22-05-18 11:13	Application	1.181 Ko
BromAdapterTool.ini	22-05-18 11:13	Paramêtres de con	1 Ko
console_mode.xsd	22-05-18 11:13	Fichier XSD	27 Ko
CustPT.ini	22-05-18 11:13	Paramètres de con	1 Ko
DA_PLbin	22-05-18 11:13	Fichier BIN	10.836 Ko
DA_PL_CRYPTO20.bin	22-05-18 11:13	Fichier BIN	10.836 Ko
DA_SWSEC.bin	22-05-18 11:13	Fichier BIN	3.986 Ko
DA_SWSEC_CRYPTO20.bin	22-05-18 11:13	Fichier BIN	3.986 Ko
dl_without_scatter.xml	22-05-18 11:13	Serna XML File	2 Ko
download_scene.ini	22-05-18 11:13	Paramètres de con	1 Ko
flash_tool.exe	22-05-18 11:13	Application	10.131 K
flashtool.qch	22-05-18 11:13	Fichier QCH	6.432 Ko
flashtool.qhc	22-05-18 11:13	Fichier QHC	12 Ko
FlashToolLib.dll	22-05-18 11:13	Extension de l'app	1.399 Ko
FlashToolLib.v1.dll	22-05-18 11:13	Extension de l'app	2.655 Kd
FlashtoollibEx.dll	22-05-18 11:13	Extension de l'app	5.442 Ko
history.ini	11-03-20 18:03	Paramètres de con	1 Ko
key.ini	22-05-18 11:13	Paramètres de con	3 Ko
msvcp90.dll	22-05-18 11:13	Extension de l'app	556 Ko
msvcr90.dll	22-05-18 11:13	Extension de l'app	641 Ko
MTK_AllInOne_DA.bin	22-05-18 11:13	Fichier BIN	10.944 Ko
option.ini	11-03-20 18:03	Paramètres de con	1 Ke
phonon4.dll	22-05-18 11:13	Extension de l'app	261 Ko
🛃 platform.xml	22-05-18 11:13	Serna XML File	27 Ko
QtCLucene4.dll	22-05-18 11:13	Extension de l'app	873 Ko
QtCore4.dll	22-05-18 11:13	Extension de l'app	2.239 K

The Flash tool interface will appear.

Welcome Format Download Readback Memory Test Download Stop Download Stop Download Stop Download Stop Download Clusers/bertr/Downloads/SP_Flash_Tool_v5.1904_Win/MTK_AllinOne_DA.bin Choose Authentication File Download Image: State - loading File Authentication File Image: State - loading File								
Download Stop Download-Agent C:\Users\bert\Downloadd\SP_Flash_Tool_v5.1904_Win\MTX_AllinOne_DA.bin doose Scatter-loading File Image: C:\Users\bert\Downloadd\SP_Flash_Tool_v5.1904_Win\MTX_AllinOne_DA.bin doose Authentication File Image: C:\Users\bert\Downloadd\SP_Flash_Tool_v5.1904_Win\MTX_AllinOne_DA.bin doose Download Only Image: C:\Users\bert\Downloadd\SP_Flash_Tool_v5.1904_Win\MTX_AllinOne_DA.bin doose Image: C:\Users\bert\Downloadd\SP_Flash_Tool_v5.1904_Win\MTX_AllinOne_DA.bin Image: C:\Users\bert\Downloadd\SP_Flash_Tool_v5.1904_Win\MTX_AllinOne_DA.bin		Welcome Format	Download	Readback	Memory Test			
Download Stop Image: Stop in the	_	+	0					
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Authentication File Download Only Name Begin Address End Address Location Location		Scatter-loading File					\sim	choose
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Name Begin Address End Address Location		Download Only	•					
	1 - C	✓ Name B	egin Address	End Address		Location		
			-					
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5/ Select the MT6771 Android scatter.txt file located in the Firmware uncompressed folder by clicking on the "Choose" button (Note: the address and name of the folder may differ from the screenshot).

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	Welcome	Format	Download	Readback	Memory Test					
			0						1	
	Downl	oad	Stop							
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	Downloa	d Only	-							
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		cam_vpu3	0x000000	019600000	0x000000000	000000	EMMC_USER			
		k	0x000000	020500000	0x000000000	000000	EMMC_USER		- 11	
		k2	0x000000	020600000	0x000000000	000000	EMMC_USER			
		boot	0x000000	020700000	0x00000002	26fffff	EMMC_USER	C:\Users\b	e	
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		dtbo	0x000000	022f00000	0x000000000	000000	EMMC_USER			
		tee1	0x0000000	023700000	0x000000000	000000	EMMC_USER		~	
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6/ Make sure "Download only" is selected in the drop down and only "Boot" in the selection of items

🚆 Smart Phone Flash Tool(Runtime	e Trace Mode)					-		×	774			
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7/ Click the Download button (reminder: AIR³ is powered off and no USB cable connected)



8/ Plug the USB cable to AIR³ while it is Turned OFF.

Extern RAM Type: DRAM	.	0.000000000	400000	200000001 020	537 FMM	
< >				[system] Downloa	d Flash 14%	
S EMMC Flash	32.65M/s	196.00M	EMMC	High Speed	0:25	MediaTek PreLoader USB VCOM (Android) (COM9)

9/Wait a few seconds. The progress bar will become purple, green, the last is yellow. When the yellow is over 100%, and a green valid mark appears, you can unplug the USB, then power on the tablet.



If you have not seen the Large Green Valid mark at the end, it may means that the driver was not correctly installed and the flash didn't work.

10/ Once the unit has been flashed, the launch of the tablet will take a little bit more time than usual start.

WARNING: This procedure is only valid for AIR³ 7.3.

11/Check that \rightarrow Android Settings/About device/Android version/Kernel version is dated Dec 13 2022 or later.