

# MX2N-70HB Hardware update steps

1. LAN Port, Please switch the no1 to another side as below:



2. Connecting PC and hmi/ all in one by USB downloading cable

#### 3. Double click "Turbowriter.exe" as below:

ChangeLog.txt	2018-01-04 12:23	文本文档	6 KB
FA92_musb.bin	2018-01-04 12:23	BIN 文件	177 KB
FA92_musb_FullSpeed.bin	2018-01-04 12:23	BIN 文件	177 KB
FA93_musb.bin	2018-01-04 12:23	BIN 文件	182 KB
FA93_musb_FullSpeed.bin	2018-01-04 12:23	BIN 文件	182 KB
FA95_musb.bin	2018-01-04 12:23	BIN 文件	173 KB
FA95_musb_FullSpeed.bin	2018-01-04 12:23	BIN 文件	173 KB
🗋 musb.bin	2018-01-04 12:23	BIN 文件	46 KB
NAND ID.ini	2018-01-04 12:23	配置设置	1 KB
🔄 path.ini	2018-12-26 15:02	配置设置	1 KB
SPIFLASH ID.ini	2018-01-04 12:23	配置设置	1 KB
TurboWriter.exe	2018-01-04 12:23	应用程序	348 KB
🔄 TurboWriter.ini	2018-01-04 12:23	配置设置	2 KB
🚮 TurboWriterSD.ini	2018-04-25 13:44	配置设置	1 KB

4. Make the products on power to run.

#### 5. After power on, click "Re-connect"

nuvoTon Turbo Writer	- D X
No Version Please choose SDRAM 💌	Please plug board in ! Re-Connect
SDRAM	1
Choose	Browse
Buffer address: 0000 C Download only C Download and rur	
▲ · · · · · · · · · · · · · · · · · · ·	Download
ηυνοΤοη	Exit



# 6. Please choose "NAND" as below picture

NAND —		NAND SD Card SPI (Raw Dat	ta)		
No	Name	Туре	Start block	End block	Add New
0	NANDLoade n2GUIRun_	r2 system 70 execute	0x0 0x6	0x3 0xf	Image No :
Ŀ					Image Name
					Image Type 💿 Data C Execute C RomFS
					C Logo C System Imag C UBI
					Image execute address
					- · · · · · · · · · · · · · · · · · · ·
					image start block
					Burn Verify
۵	ld New	Modify	Fraze	Ontion	

# 7.Select System Imag, and then run it .

					Add New
No	Name	Туре	Start block	End block	
0	NANDLoader2	system	0x0	0x3	Image No :
1	n2GUIRun_70	execute	0x6	0xf	
					Image Name
					Thage Type C Data C Evacuta C RomES
					(`Logo (* System Imag (`UBI
					Terrar mumber allower
					ruafa aracora annazz
					Image start block
					Burn Verify
					· · · · · · · · · · · · · · · · · · ·
4	Id New   W	adi fy	Erase	Ontion	

# 8. Run "N329\_HMI\_181216"-"926"

查找范围(I): N329_HMI_181216	<u>→</u> ← 🖻 💣 🗉	•
名称 ^	修改日期	类型
905	2018-12-16 11:18	文件夹
926	2018-12-16 11:20	文件夹
Fonts	2018-05-10 8:30	文件夹
GT911_Cfg.bin	2018-06-10 10:00	BIN 文
<		2
文件名(N):	Cł	noose
文件类型(T); Bin.Img Files (*.bin:*.img:*	.gz) 👻	



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# 9. Select "NANDLoader2"

查找范围(I): 926	- 🔁 🖻	•	
名称 ^	修改日期	类型	
n2GUIRun_70.bin	2018-12-16 11:11	BIN 文	
n2GUIRun_70C.bin	2018-12-16 11:12	BIN 文	
n2GUIRun_70V.bin	2018-12-16 11:16	BIN 文	
n2GUIRun_70VC.bin	2018-12-16 11:16	BIN 文	
NANDLoader2.bin	2017-11-05 11:12 BI		
<		>	
文件名(N):	cl	noose	
文件类型(T): Bin,Img Files (*.bin;*.ir	ng;*.gz) 🔹		

### 10. First click "Burn", and then "yes"

m —					- Add New-			
0	NANDLoader2 n2GUIRun_70	system execute	0x0 0x6	Turbo Writer	ou confirm this operat 确定取	× on ?	Ixeoute C RomFS System Imag C UBI	
Ad	ld New / _ M	lodify	Erase	Option	•		Burn	Verify

### 11. After loading, confirm it

UND					
No	Name	Type	Start block	End block	Add New
0	NANDLoader2	system	0x0	0x3	Image No :
1	n2GUIRun_70	execute	0x6	0xf	T N NAME - 1-2
					Image Name  NANDLOader2
					Image Type C Data C Execute C RomFS
					C Logo 🙃 System Imag C UBI
					Traza examta address
-					
					Image start block
					Abort Verify
	dd New 🛛 🛛	lodi fy	Erase	Option	



# 12. Choose "Execute", Set parameter as below:

	22001Kun_70	execute	0x6	Uxt	Image Name NANDLoader2 Image Type C Data © Execute C RomFS C Logo C System Imag C UEI Image execute address 0 Image start blook 6
--	-------------	---------	-----	-----	---

#### 13. Click "....." to select file

					Add New
No	Name	Туре	Start block	End block	
1	nANULoader2 n2GHTRun 70	system	UxU Dx6	Ux3 Oxf	Image No :  1
•	an o candid_10	ancoure			Image Name NANDLoader2
					Image Type C Data 🐨 Execute C RomFS
					C Logo C System Imag C UBI
					Image execute address  U
					Image start block 6
					Burn Verify

### 14. Choose "n2GUIRun\_70.bin" file

名称	1	修改日期	类型	
n2GUIRun_70.bin	4	2018-12-16 11:11	BIN 文	
n2GUIRun_70C.bin		2018-12-16 11:12		
n2GUIRun_70V.bin n2GUIRun_70VC.bin NANDLoader2.bin	类型: BIN 文件 大小: 1.19 MB 修改日期: 2018	-12-16 11:12 -12-16 11:12	BIN 文 BIN 文 BIN 文	
<u></u>			>	
之件名(N):		CI	noose	



### 15. Click "Burn" and confirm it.

voTon	Turbo Writer					
015/10, ease cl	/07-V06 1005e NA	ND	•			Masz Storage Connected ! Re-Connect
	Vana	Turne	Stort Had	Ted black	Add New-	
0	NANDLoader2 n2GUIRun_70	system execute	0x0 0x6	Turbo Writer	you confirm this operation ?	X Sxecute C RomFS System Imag C UBI
					確定 取消	Burn Verify
Ad	ld New   N	lodify	Erase	Option		
n	UV	01	Tor	١		Exit

16. After updating, power off products, and switch the no1 back to its original as below:



17. Re-power on products, enter the HMI display, and change hardware no from 2 to be 1, confirm and then click "return".





18.Later, power off products and wait about 1 min , and then power on to check whether it remains 1.

Return	ESystemMent	Ter General
SysLang. :	Lang, Swi	(Lang. 2)
LCDLight_T:	6	(0~60Minute)
COMInterval:	0	(0~10000sec)
BuzzerFun. :	Touch	
BuzzerLeng:	30	(ms)
BuzzerAlarm:	0	