

Q: How to Burn the Image(EM2440_WinCE)

A:

Note:

EM2440-III not only supports start from Nor Flash but also supporting start from Nand Flash. When the user erased u-boot in the Nor Flash and Nand Flash, that leading the board can not start from neither Nor Flash nor Nand Flash. In this case the user must use JTAG to burn u-boot to the board.

How to judge there isn't u-boot on the Nor Flash and Nand Flash:

First, after the board powered on, if four green Led's don't light on at the same time, means that there are no u-boot on the Nor Flash or Nand Flash.

Second, connect with serial cable, and power on the board, and check that are there any following message printed, if no uboot message that means there are nothing in the Nor Flash or nand flash.

1. Burn uboot.bin when there isn't uboot.bin in the nor flash and nand flash.

(1) install GIVEIO driver

Step 1, find giveio driver in the CD under the directory

"Windows software package\GIVEIO". Copy the file "Giveio.sys" to your system disk, under the directory "C:\Windows\System32\drivers\"

Step 2, open "Control panel" on PC, and double-click the icon "Add hardware" and click "Next" to continue:







dd Hardware Wizard The following hardware is already installed on your computer	
From the list below, select an installed hardware device, then click Next to properties or troubleshoot a problem you might be having	o check
To add hardware not shown in the list, click "Add a new hardware device	ς ¹¹
Installed hardware:	
😌 USB Root Hub	
🚭 USB Root Hub	
🙀 Generic USB Hub	
📽 USB Composite Device	
Add a new hardware device	<u>~</u>
<pre></pre>	Cancel

Add Hardware Wizard
The wizard can help you install other hardware
The wizard can search for other hardware and automatically install it for you. Or, if you know exactly which hardware model you want to install, you can select it from a list.
What do you want the wizard to do? Search for and install the hardware automatically (Recommended) Install the hardware that I manually select from a list (Advanced)
< Back Next > Cancel

1

ocate File	? 2]
Look in: 🙆	GIVEIO 🛛 🕑 🧭 📴 🕶	
GIVEIO.inf		1
-		
File name:	GIVEIO.inf Open	
Files of type:	Setup Information (* inf)	
Install		**
Install El	Insert the manufacturer's installation disk, and then	
	make sure that the correct drive is selected below.	
	Copy manufacturer's files from:	
	Z:\Windows software package\GIVEI0	
Add Hard	tware Wizard	
Select	the device driver you want to install for this hardware.	
je s	Select the manufacturer and model of your hardware device and then click Next. If you	
~~ "	iave a disk that contains the driver you want to instail, click mave Disk.	
Model		
giveid	0	
This <u>Tell m</u>	e driver is not digitally signed! Have Disk	
	<pre>< Back Next > Cancel</pre>	

Now, the newly installed device could be found in "Device Manager".

(2) Burning U-boot by SJF2440

Notice: Unless you destroy the u-boot in the nor flash and nand flash, you don't have to burn the u-boot by SJF2440.

The SJF2440 software is at the place of: EM2440-III_CD\Windows software package\SJF2440. Step 1: Before use SJF2440, below items must be required.

a. Make sure PC has parallel interface, and set the mode of BIOS of PC as "EPP".

b. The PC has been installed driver of GIVEIO parallel interface.

c. Via JTAG's 25-pin port Connecting PC's parallel interface with the 10-pin JTAG interface on the board.

d. Power on the board

e. Copy the u-boot image into the directory \Windows software package\SJF2440, and make sure the u-boot image is u-boot.bin.

In this case we take 3.5inch TFT LCD as an example; we copy the u-boot image for 3.5 inch into the \Windows software package\SJF2440 directory.

Double click "SJF2440_uboot.bat" to run the software

Step2: Burn Image to Nand Flash, continuously select "0", "0", "0", and wait for several minutes, the Image will be burned successfully into Nand Flash, as follow:

Step3: Burning image to Nor Flash, continuously select "2", "0", the following diagram shows the steps.

C:\VINDOWS\system32\cmd.exe	- 0	×
(SKY2440/TQ2440 B/D)		
++ Usage: SJF /f: <filename> /d=<delay> > S3C2440X<id=0x0032409d> is detected.</id=0x0032409d></delay></filename>		
[SJF Main Menu] Ø:Nand Flash prog 1:Memory Rd/Wr 2:Nor Flash Prog 3:Exit Select the function to test <mark>:2</mark>		
[Nor160Writing Program] NOTE: AM29LV800DB or AM29LV160DB or EN29LV160AB needs 4 step sequences for 1 f-word data. So,the program time is twice of Starata flash(2 step sequences). [Check AM29LU800 or AM29LU160 or EN29LU160AB]	hal	L
Manufacture ID= 7f(0x0001/0x007F), Device ID(0x225B/0x2249)=2249		
Image Size:0h~37694h		
Available Target Offset: 0x0, 0x4000, 0x6000, 0x8000,0x10000,0x20000,0x30000,0x40000, 0x50000,0x60000,0x70000,0x80000,0x90000,0xa0000,0xb0000,0xc0000, 0xd0000,0xe0000,0xf0000 Input target offset:0		
SectorOffset=0×0		-

Waiting for several minutes, the Image will be burned successfully into Nor Flash:

2. Burn image when there is uboot.bin in the nor flash and nand

flash.

Step1: Install USB driver

The driver is located under the directory "Windows software package\USB driver": (1) Configurate DNW.

Open DNW,click "Configuration -> Options", the configuration table "UART/USB Options" appears.

DNW v0.49 [COM:x][USB:x]	<u>- 0 ×</u>
Options 2	<u>×</u>
	F

Choose "115200" of "Baud Rate", choose "COM1" of "COM Port" (choose the right one according to actual situation), fill in "0x32000000" of "USB Port", click "OK" to finish the DNW configuration:

G 115200	G (0)41	
C 57600	C COM 2	
C 38400	C COM 3	
C 19200	C COM 4	
C 14400		
0.9600		

Link the serial port line and power line; press the space-key of PC and hold, and Switch on the power. The DNW will display the u-boot console (instruction: USB download-driver needs to be installed in u-boot console. If your board has no u-boot, please burn the u-boot by Jtag firstly).

(2) Install usb driver

linking the USB wire, PC can recognize the new device automatically as follow:

Found New Hardware Wiz	ard
	This wizard helps you install software for: Generic USB Serial If your hardware came with an installation CD or floppy disk, insert it now. What do you want the wizard to do? Install the software automatically (Recommended) Install from a list or specific location (Advanced) Click Next to continue.
	< Back Next > Cancel

und New Hardware Wizard	
Please choose your search and installation options.	
⊙ Search for the best driver in these locations.	
Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.	
Search removable media (floppy, CD-ROM)	
Include this location in the search:	
Browse	
O Don't search. I will choose the driver to install.	
Choose this option to select the device driver from a list. Windows does not guarantee the driver you choose will be the best match for your bardware	tha
<pre></pre>	
	-
Browse For Folder	
Select the folder that contains drivers for your hardware.	
E Charad Dictures	
It in Tencent	
Windows software parkage	
C USB driver	
🕀 🛅 Shared Documents	
🗉 🛅 Administrator's Documents	
To view any subfolders, click a plus sign above.	
OK Cancel	

ound New Hardware Wizard	
Please choose your search and insta	Ilation options.
Search for the best driver in these loc	cations.
Use the check boxes below to limit o paths and removable media. The bes	r expand the default search, which includes local st driver found will be installed.
Search removable media (flop;	py, CD-ROM)
Include this location in the sea	irch:
Z:\Windows software packag	je\USB driver 🗸 Browse
	te install
O Don't search. I will choose the driver	to install.
the driver you choose will be the bes	t match for your hardware.
	<back next=""> Cancel</back>
und New Hardware Wizard	
Please wait while the wizard searche	s
	1 Alexandre
🛥 TQ2440 Board	
	8
	3
	< Back Next > Cancel

TQ2440 B	pard		
Description	Version	Manufacturer	Location
TQ2440 Board TQ2440 Board	Unknown Unknown	ììǶ¿Æ¼¼,'äÖÝ ÌìǶ¿Æ¼¼,'äÖÝ	c:\windows\inf\secbulk.inf c:\windows\inf\oem9.inf
This driver is Tell me why driver	not digita	lly signed! important	

Files Ne	eded	×
9	The file 'SECBULK.sys' on USB Downloader Installation Disk for TQ2440 is needed.	OK Cancel
	Type the path where the file is located, and then click OK.	
	Copy files from:	
		Browse

Locate File
Look in: 🖆 USB driver 🛛 🕑 🗊 📂 🛄 🗸
secbulk.sys
File name: secbulk.sys 🗸 Open
Files of type: SECBULK.sys:SECBULK.sy_ Cancel
Files Needed
The file 'SECBULK.sys' on USB Downloader Installation OK Disk for TQ2440 is needed. Cancel Type the path where the file is located, and then click OK.
Copy files from: Z:\Windows software package\USB driver Software
Found New Hardware Wizard
Completing the Found New Hardware Wizard The wizard has finished installing the software for: TQ2440 Board Click Finish to close the wizard.
< Back Finish Cancel

After the USB download-driver has been installed, open DNW software. The mark "[COM:x][USB:OK]" could be found on top of the window:

The USB driver installed previously could be found in "Device Manager":

Now the user can use USB to download u-boot, operating system and file system.

Step2: burn image

(1)Using the U-boot to update u-boot

If you erased the u-boot on nand flash, you can burn the u-boot to the nand flash by the u-boot on nor flash. Of course, you have to burn the u-boot by JTAG if you eased the Nor flash and Nand flash at all.

Suppose the u-boot on Nor flash was not erased, we introduce the process of burning the u-boot to nand flash by the u-boot on Nor flash.

Step 1: Push the button to the Nor flash side, select booting from the Nor flash.

Step 2: Power up the board, you can enter into the u-boot menu. Step 3: Input "1"and press enter key.:

■ DHW v0.50A [COM1,115200bps][USB:0K]	\mathbf{X}
Serial Port USB Port Configuration Help	
##### Boot for Nor Flash Main Menu #####	^
[1] Download u-boot or STEPLDR.nb1 or other bootloader to Nand Flash	
[2] Download Eboot to Nand Flash	
[3] Download Linux Kernel to Nand Flash	
[5] Download CRAMFS image to Nand Flash	
[6] Download YAFFS image to Nand Flash	
[7] Download Program (uCOS-II or TQ2440_Test) to SDRAM and Run it	
[8] Boot the system	
[9] Format the Nand Flash	
[0] Set the boot parameters	
[a] Download User Program (eg: uCOS-II or TQ2440_Test)	
[b] Download LOGO Picture (.bin) to Nand Flash	-
[1] Set LCD Parameters	
[o] Download u-boot to Nor Flash	
[r] Reboot u-boot	
[q] quit from menu	
Enter your selection: 1	
USB host is connected. Waiting a download.	-

Step 4: Choose the "USB port->transmit":

Serial Port USB Port Configuration Help Transmit Nx Test Status boot ror nor Flash Main Menu ##### [1] Download u-boot or STEPLDR.nb1 or other bootloader to Nand Flash [2] Download Eboot to Nand Flash [3] Download Linux Kernel to Nand Flash [5] Download CRAMFS image to Nand Flash [6] Download YAFFS image to Nand Flash [7] Download Program (uCOS-II or TQ2440_Test) to SDRAM and Run it [8] Boot the system [9] Format the Nand Flash	I DRW	v0.50A [COM1,115200bps][USB:OK]	
Transmit Rx Test Status Flash Main Menu ##### [1] Download u-boot or STEPLDR.nb1 or other bootloader to Nand Flash [2] Download Eboot to Nand Flash [3] Download Linux Kernel to Nand Flash [5] Download CRAMFS image to Nand Flash [6] Download YAFFS image to Nand Flash [7] Download Program (uCOS-II or TQ2440_Test) to SDRAM and Run it [8] Boot the system [9] Format the Nand Flash	Serial P	ort USB Fort Configuration Help	
<pre>###### Evoce for nor Flash Main Menu ##### [1] Download u-boot or STEPLDR.nb1 or other bootloader to Nand Flash [2] Download Eboot to Nand Flash [3] Download Linux Kernel to Nand Flash [5] Download CRAMFS image to Nand Flash [6] Download YAFFS image to Nand Flash [7] Download Program (uCOS-II or TQ2440_Test) to SDRAM and Run it [8] Boot the system [9] Format the Nand Flash</pre>		Transmit	^
<pre>###### boot for nor Flash Main Menu ##### [1] Download u-boot or STEPLDR.nb1 or other bootloader to Nand Flash [2] Download Eboot to Nand Flash [3] Download Linux Kernel to Nand Flash [5] Download CRAMFS image to Nand Flash [6] Download YAFFS image to Nand Flash [7] Download Program (uCOS-II or TQ2440_Test) to SDRAM and Run it [8] Boot the system [9] Format the Nand Flash</pre>		fix lest	
 [1] Download u-boot or STEPLDR.nb1 or other bootloader to Nand Flash [2] Download Eboot to Nand Flash [3] Download Linux Kernel to Nand Flash [5] Download CRAMFS image to Nand Flash [6] Download YAFFS image to Nand Flash [7] Download Program (uCOS-II or TQ2440_Test) to SDRAM and Run it [8] Boot the system [9] Format the Nand Flash 	****	Booc ror nor Flash Main Menu #####	
 [2] Download Eboot to Nand Flash [3] Download Linux Kernel to Nand Flash [5] Download CRAMFS image to Nand Flash [6] Download YAFFS image to Nand Flash [7] Download Program (uCOS-II or TQ2440_Test) to SDRAM and Run it [8] Boot the system [9] Format the Nand Flash 	[1] Dov	mload u-boot or STEPLDR.nb1 or other bootloader to Nand Flash	
 [3] Download Linux Kernel to Nand Flash [5] Download CRAMFS image to Nand Flash [6] Download YAFFS image to Nand Flash [7] Download Program (uCOS-II or TQ2440_Test) to SDRAM and Run it [8] Boot the system [9] Format the Nand Flash 	[2] Dov	nload Eboot to Nand Flash	
 [5] Download CRAMFS image to Nand Flash [6] Download YAFFS image to Nand Flash [7] Download Program (uCOS-II or TQ2440_Test) to SDRAM and Run it [8] Boot the system [9] Format the Nand Flash 	[3] Dou	mload Linux Kernel to Nand Flash	
[6] Download YAFFS image to Nand Flash [7] Download Program (uCOS-II or TQ2440_Test) to SDRAM and Run it [8] Boot the system [9] Format the Nand Flash	[5] Dou	nload CRAMFS image to Nand Flash	
[7] Download Program (uCOS-II or TQ2440_Test) to SDRAM and Run it [8] Boot the system [9] Format the Nand Flash	[6] Dov	nload YAFFS image to Nand Flash	
[8] Boot the system [9] Format the Nand Flash	[7] Dov	nload Program (uCOS-II or TQ2440_Test) to SDRAM and Run it	
[9] Format the Nand Flash	[8] Boo	ot the system	
	[9] For	mat the Nand Flash	
[0] Set the boot parameters	[0] Set	the boot parameters	
[a] Download User Program (eg: uCOS-II or TQ2440_Test)	[a] Dov	mload User Program (eg: uCOS-II or TQ2440_Test)	

打开						? 🔀
查找范围(I):	C linux] + 🖻	r 📰 🕈	
1 我最近的文档	<pre>>> root_qtopia_ >>> u=boot.bin</pre>	2. 2. 0_2. 6. 30. 4.	bin			
日本						
我的文档						
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)						
夏 网上邻居						
	文件名 (M):	u-boot. bin			•	打开(0)
	文件类型 (I):	BIN Files (*.	bin;*.nb0)			取消

Step 5: Select the u-boot.bin image you want to burn.

Step 6: You can see the follow message after above steps, and then you have burnt the u-boot to the nand flash.

	×
Serial Port USB Fort Configuration Help	
Writing data at 0x2d000 82e.	^
Writing data at 0x2d800 83	
Writing data at 0x2e800 84	
Writing data at 0x2f000 85e.	
Writing data at 0x2f800 86	
Writing data at 0x30000 87	
Writing data at 0x30800 88	
Writing data at 0x31000 89	
Writing data at 0x31800 90e.	
Writing data at 0x32000 91	
Writing data at 0x32800 92	
Writing data at 0x33800 930.	
Writing data at 0x34000 94	
Writing data at 0x34800 950. Writing data at 0x3600 050	
Writing data at 0232000 90 Writing data at 0232000 90	
Writing data at 0x35000 772. Writing data at 0x36000 08	
Writing data at 0x36800 00	
Writing data at 0x37000 100e.	
226964 butes written: OK	
###### Boot for Nor Flash Main Menu ######	
	100
[1] Download u-boot or STEPLDR.nb1 or other bootloader to Nand Flash	
[2] Download Eboot to Nand Flash	
[3] Download Linux Kernel to Nand Flash	
IEL Download (POMES image to Name Elach	
[5] POWNITOAD CUMMES THARE IN MANN FIASH	
[6] Devenied VAFES improve to Nand Flack	
[o] sowired in to image to mind rear	-

(2)Burn the STEPLDR.nb1 and Eboot.nb0 image.

If you want to run Wince system, you have to boot from nand flash. Wince system includes three parts: STEPLDR.nb1, EBOOT.nb0 and NK.bin.We suppose the u-boot has existed on nand flash.

Step 1: Push the button to the nand flash side, select booting from nand flash:

Step 2: Power up the board, and press the space key to enter into the u-boot menu.

■ DNV v0.50A [COM1,115200bps][USB:0K]	
Serial Port USB Port Configuration Help	
Press Space key to Download Mode ?	
##### Boot for Nand Flash Main Menu #####	
[1] Download u-boot or STEPLDR.nb1 or other bootloader to Nand Flash	
[2] Download Eboot to Nand Flash	
[3] Download Linux Kernel to Nand Flash	
[5] Download CRAMFS image to Nand Flash	
[6] Download YAFFS image to Nand Flash	
[7] Download Program (uCOS-II or TQ2440_Test) to SDRAM and Run it	
[8] Boot the system	
[9] Format the Nand Flash	
[0] Set the boot parameters	
[a] Download User Program (eg: uCOS-II or TQ2440_Test)	
[b] Download LOGO Picture (.bin) to Nand Flash	
[1] Set LCD Parameters	
[r] Reboot u-boot	
[q] quit from menu	
Enter your selection:	~

Step 3: Choose "1" to burn the STEPLDR.nb1 image, and select the "USB port->transmit".

Serial Port USB Port Configuration Help	
###### E Transmit Rx Test d Flash Main Menu #####	^
[1] Download a poor or STEPLDR.nb1 or other bootloader to Nand Flash	
[2] Download Eboot to Nand Flash	
[3] Download Linux Kernel to Nand Flash	
[5] Download CRAMFS image to Nand Flash	
[6] Download YAFFS image to Nand Flash	
[7] Download Program (uCOS-II or TQ2440_Test) to SDRAM and Run it	
[8] Boot the system	
[9] Format the Nand Flash	
[0] Set the boot parameters	
[a] Download User Program (eg: uCOS-II or TQ2440_Test)	
[b] Download LOGO Picture (.bin) to Nand Flash	
[1] Set LCD Parameters	
[r] Reboot u-boot	III
[q] quit from menu	
Enter your selection: 1	
USB host is connected. Waiting a download.	
	~

Step 4: select the kernel image "STEPLDR.nb1" image under the /image/wince/ directory, and begin to burn.

	Boan Embedd	rdcon led design		www.	armdesigne	r.com
打开						? 🗙
查打	战范围(∐)∶	🗁 WinCE		-	← 🗈 💣 📰 -	
我我又我网	近的文档 夏面)文档)))) 前 也 一 一 一 一 一 一 一 一 一 一 一 一 一	EBOOT. nb0 NK. bin STEPLDR. nb1				
		文件名 (M):	STEPLDR. nb1		•	打开 (0)
		文件类型 (I):	All Files (*.*)		•	取消

Step 5: After above steps, you should see the following message, and then, you have burnt the STEPLDR.nb1 image into the nand flash.

Step 6: Choose "2" to burn the Eboot.nb0 image, and select the "USB port->transmit".

Boardcon

Step 7: select the "Eboot.nb0" image under the /image/wince/ directory, and begin to burn.

Step 8: After above steps, you should see the following message, and then, you have burnt the EBOOT.nb0 image into the nand flash.

□ DNV v0.50A [CON1,115200bps][USB:0K]	
Serial Port USB Port Configuration Help	
Writing data at 0x0 50plete. Writing data at 0x800 100omplete. 4096 bytes written: OK	
##### Boot for Nand Flash Main Menu ##### [1] Download u-boot or STEPLDR.nb1 or other bootloader to Nand Flash [2] Download Eboot to Nand Flash	
[3] Download Linux Kernel to Nand Flash	
[5] Download CRAMFS image to Nand Flash	
[6] Download YAFFS image to Nand Flash	
[7] Download Program (uCOS-II or TQ2440_Test) to SDRAM and Run it	
[8] Boot the system	

(3)Burn the NK.bin image

Step 1: Push the button to the nand flash side, select booting from nand flash:

Step 2: Reset the board, and press the space key to enter into the eboot menu.

Step 3: Choose the "9" to format the Boot Media for BinFS.

- DNU ▼0.50A [COM1,115200bps][USB:0K]	
Serial Port USB Port Configuration Help	
Format TQ2440 Nand Flash: found a bad block (0x24b) - skipping Format TQ2440 Nand Flash: found a bad block (0x24c) - skipping Format TQ2440 Nand Flash: found a bad block (0x24e) - skipping Format TQ2440 Nand Flash: found a bad block (0x24e) - skipping Format TQ2440 Nand Flash: found a bad block (0x24f) - skipping Format TQ2440 Nand Flash: found a bad block (0x250) - skipping Format TQ2440 Nand Flash: found a bad block (0x251) - skipping Format TQ2440 Nand Flash: found a bad block (0x252) - skipping Format TQ2440 Nand Flash: found a bad block (0x252) - skipping Format TQ2440 Nand Flash: found a bad block (0x253) - skipping Format TQ2440 Nand Flash: found a bad block (0x255) - skipping Format TQ2440 Nand Flash: found a bad block (0x255) - skipping Format TQ2440 Nand Flash: found a bad block (0x255) - skipping Format TQ2440 Nand Flash: found a bad block (0x256) - skipping Format TQ2440 Nand Flash: found a bad block (0x256) - skipping Format TQ2440 Nand Flash: found a bad block (0x256) - skipping Format TQ2440 Nand Flash: found a bad block (0x256) - skipping Format TQ2440 Nand Flash: found a bad block (0x257) - skipping Format TQ2440 Nand Flash: found a bad block (0x258) - skipping Format TQ2440 Nand Flash: found a bad block (0x258) - skipping Format TQ2440 Nand Flash: found a bad block (0x258) - skipping Format TQ2440 Nand Flash: found a bad block (0x258) - skipping Format TQ2440 Nand Flash: found a bad block (0x250) - skipping Format TQ2440 Nand Flash: found a bad block (0x250) - skipping Format TQ2440 Nand Flash: found a bad block (0x250) - skipping Format TQ2440 Nand Flash: found a bad block (0x250) - skipping Format TQ2440 Nand Flash: found a bad block (0x250) - skipping Format TQ2440 Nand Flash: found a bad block (0x250) - skipping Format TQ2440 Nand Flash: found a bad block (0x250) - skipping Format TQ2440 Nand Flash: found a bad block (0x250) - skipping Format TQ2440 Nand Flash: found a ba	
0) IP address: 192.168.1.6 1) Subnet mask: 255.255.0	
	~

Step 4: Choose the "F" to low-level format the Smart Media card.

■ DNV v0.50A [COM1, 115200bps] [USB:0K]	
Serial Port USB Port Configuration Help	
0) IP address: 192.168.1.6	^
1) Subnet mask: 255.255.255.0	
2) DHCP: Disabled	
3) Boot delay: 1 seconds	
4) Reset to factory default configuration	
5) Startup image: LAUNCH EXISTING	
6) Program disk image into SmartMedia card: Enabled	
7) Program DM9000 MAC address (10:23:45:67:89:AB)	
8) Kernel Debugger: ENABLED	
9) Format Boot Media for BinFS	
E) Erase Reserved Block	
B) Mark Bad Block at Reserved Block	
F) Low-level format the Smart Media card	
D) Download image now(USE TFTP)	
L) LAUNCH existing Boot Media image	
R) Read Configuration	
U) Download image now(USE USB)	
W) Write Configuration Right Now	
Enter your selection: f	
Reserving Blocks [0x0 - 0xf]	
reserve complete.	
Low-level format Blocks [0x10 - 0x7ff]	
LB######## Error Erasing block 189!	
	~

Step 5: Choose the "U" to download the NK.bin image, and select the "USB port->transmit"

Ⅲ DNV v0.50A [COM1,115200bps][USB:0K]	
Serial Port USB Port Configuration Help	
1) Subnet Transmit 55.255.0	
2) DHCP: [Rx Test	
3) Boot de _{Status} nds	
4) Reset to runcery default configuration	
5) Startup image: LAUNCH EXISTING	
6) Program disk image into SmartMedia card: Enabled	
7) Program DM9000 MAC address (10:23:45:67:89:AB)	
8) Kernel Debugger: ENABLED	
9) Format Boot Media for BinFS	
E) Erase Reserved Block	
B) Mark Bad Block at Reserved Block	
F) Low-level format the Smart Media card	
D) Download image now(USE TFTP)	
L) LAUNCH existing Boot Media image	
R) Read Configuration	
U) Download image now(USE USB)	
W) Write Configuration Right Now	
Enter your selection: u	
System ready!	
Preparing for download	
Please send the Image through USB.	
USB bost is connected. Waiting a download.	
ou nost is connected nateing a domitodat	

Step 6: select the kernel image "NK.bin" image under the /image/wince/ directory, and begin to burn.

Boa Embed	rdcon ded design		www.a	armdesigne	r.com
打开					? 🗙
查找范围(<u>I</u>):	🗁 WinCE		•	+ 🗈 💣 📰 -	
我最近的文档 してい 東面 一 一 数的文档 一 数的 支档 一 一 一 一 一 一 一 一 一 一 一 一 一	EBOOT. nb0				
	文件名 (M):	NK. bin			打开 (0)
	文件奕型(I):	All Files (*.*)		•	

Step 7: After several minute, the Wince system boot automatically, and you have to reset your board at the first time.

■ DNV v0.50A [COM1,115200bps][USB:x]	
Serial Port USB Port Configuration Help	
[dm9: Chip signature is 0A469000	^
<pre><dm9:miniportinitialize></dm9:miniportinitialize></pre>	
CAMERA: CIS_Open	
CIS: IOCTL_POWER_CAPABILITIES	
CAMERA: CIS_Open	
CAMERA: CIS_Close	
DeviceFolder::LoadDevice!Enumerate Found deprecated load instructions at	
(Drivers\BuiltIn\AFD). Driver cannot be unloaded.	
DeviceFolder::LoadDevice!Enumerate Found deprecated load instructions at	
(Drivers\BuiltIn\PPP). Driver cannot be unloaded.	
DeviceFolder::LoadDevice!Enumerate Found deprecated load instructions at	
(Drivers\BuiltIn\TELNETD). Driver cannot be unloaded.	
HW_USBClocks::D0	
HW_USBClocks::D4	
GPIO InitializeOK !!!	
S3C2440DISP::S3C2440DISP	
OEMIoControl: Unsupported Code 0x10100fc - device 0x0101 func 63	
S3C2440DISP::SetMode	
Lyg.p: Layout Manager successfully initialized to 2	
Maximum Allowed Error 7:	
HW_USBClocks::D0	
Explorer(V2.0) taskbar thread started.	
NDISPWR:: Found adapter [DM9CE1]	
AUTORAS:: Dialer notifies: [1] [Dialer Start]	100
	~