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THOSE
WHO DO.™

Lenovo TB2-X30 Software Flashing SOP

Mar. 17, 2017

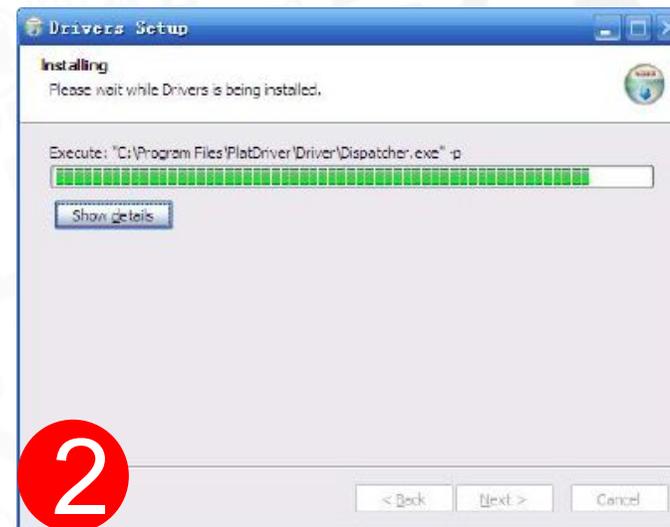


Environment

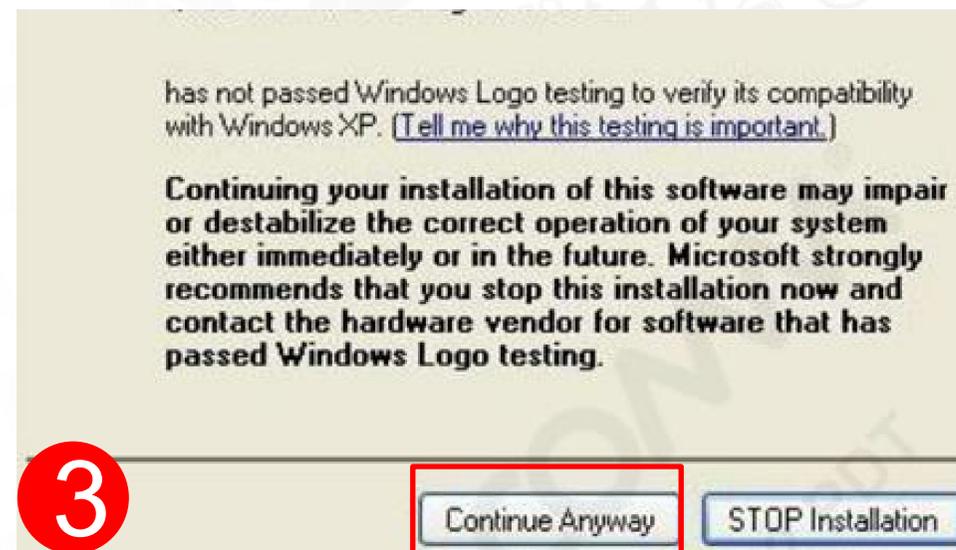
NO.	Device	Qua.	Remark
1	Computer	1	CPU 1.7GHz or above, 512M ram or above, Windows XP or win7 or win8 system.
2	Driver	1	PlatDriversInstall1.8en
3	Download Tool	1	HQXA_CustomerDL_EMMC_V1.16_150818.zip
4	USB Cable	1	USB Cable

Driver Install

Decompression the compression package:
PlatDriversInstall1.8, Run PlatDriversInstall.exe. Proceed as follows:

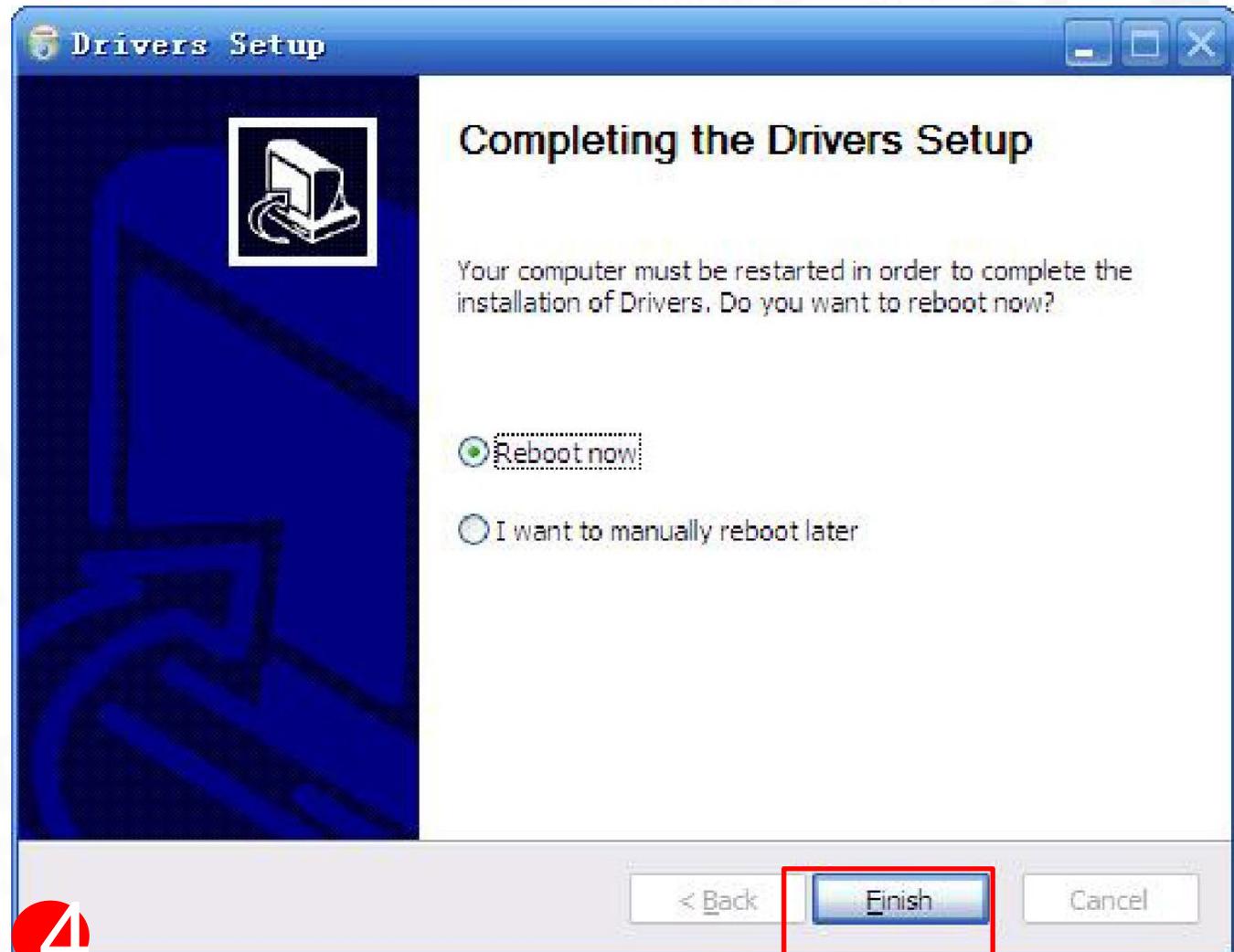


Driver is not certified WHQL. The first installation will show the following dialog box, Please click "Continue Anyway", it will tip many times.



Driver Install

After the installation complete, need to restart the computer to make the drives take effect.



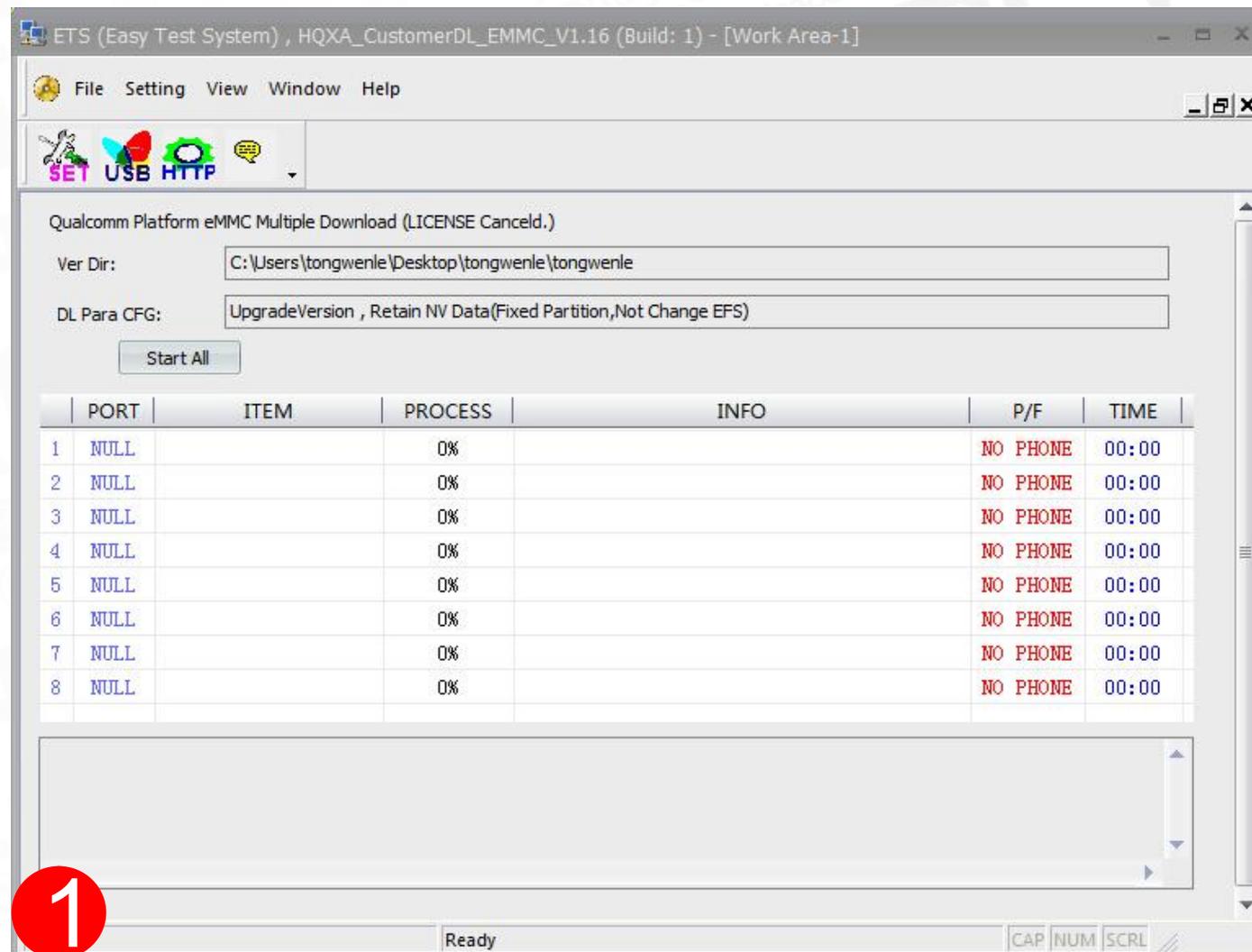
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Program Install

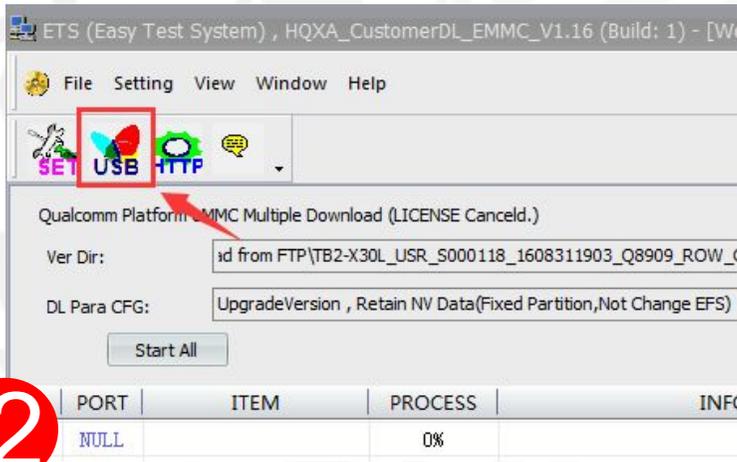
Decompression the compression package:
HQXA_CustomerDL_EMMC_V1.16_150818.zip

Run Program

Run “ets.startrun.exe” program, program will starts normal.
Login: Interface will show in Figure 1.



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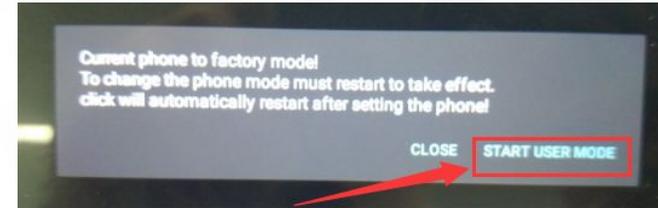
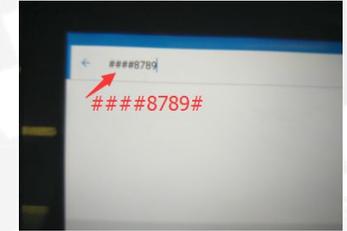
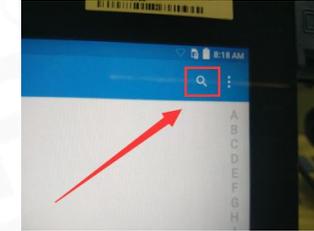
10	USB_8001	10.1
11	USB_8002	10.2
12	USB_8003	10.3
13	USB_8004	10.4
14	USB_8005	10.5

2

N	USB	View	com	VID	PID	USB_version	chSN	DevDesc	Dev_name
1	USB_111	1.1.1	-	-	-	-	-	-	-
2	USB_112	1.1.2	-	-	-	-	-	-	-
3	USB_113	1.1.3	-	-	-	-	-	-	-
4	USB_114	1.1.4	-	-	-	-	-	-	-
5	USB_115	1.1.5	-	-	-	-	-	-	-
6	USB_116	1.1.6	-	-	-	-	-	-	-
7	USB_117	1.1.7	-	-	-	-	-	-	-
8	USB_118	1.1.8	-	-	-	-	-	-	-
9	USB_102	1.2	-	-	-	-	-	-	-
10	USB_8001	10.1	-	-	-	-	-	-	-
11	USB_8002	10.2	-	-	-	-	-	-	-
12	USB_8003	10.3	YES	0x05C6	0x9008	USB2.0(0200)	-	Qualcomm HS-USB ...	COM14(Diag)
13	USB_8004	10.4	YES	0x0489	0xE07A	USB2.0(0200)	-	Qualcomm blue tooth	
14	USB_8005	10.5	-	-	-	-	-	-	-
15	USB_8006	10.6	YES	0x5986	0x0299	USB2.0(0200)	-	USB Composite Device	
16	USB_8007	10.7	YES	0x138A	0x0011	USB1.1(0110)	-	Synaptics FP Senso...	
17	USB_8008	10.8	-	-	-	-	-	-	-
18	USB_8009	10.9	-	-	-	-	-	-	-
19	USB_8010	10.10	-	-	-	-	-	-	-
20	USB_8011	10.11	-	-	-	-	-	-	-
21	USB_8012	10.12	-	-	-	-	-	-	-
22	USB_8013	10.13	-	-	-	-	-	-	-

3

Can be switched on.



Use the above steps to turn on the factory mode, In the power-on state, use a cable to connect the PC.

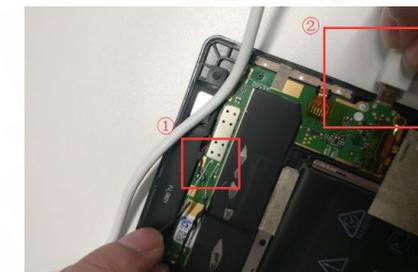
Can not boot.



Open the battery cover and reconnect the battery once.



Shorting two contacts.

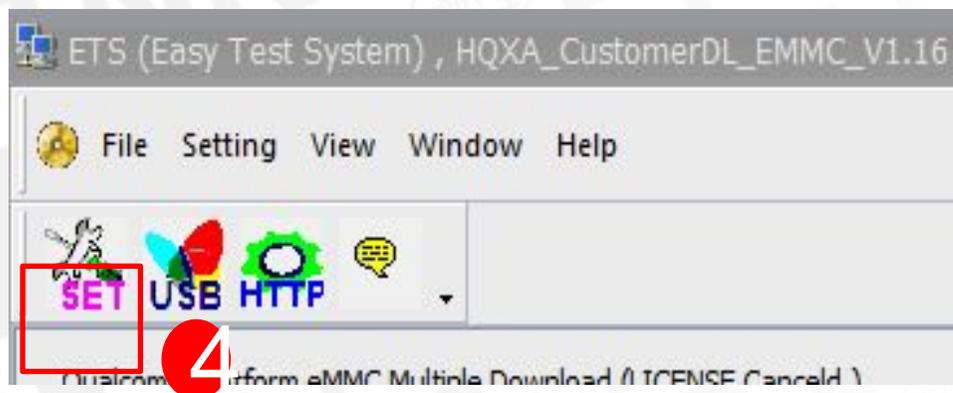


1. Reconnect the battery once
2. Shorting two contacts and uses a cable to connect PC.

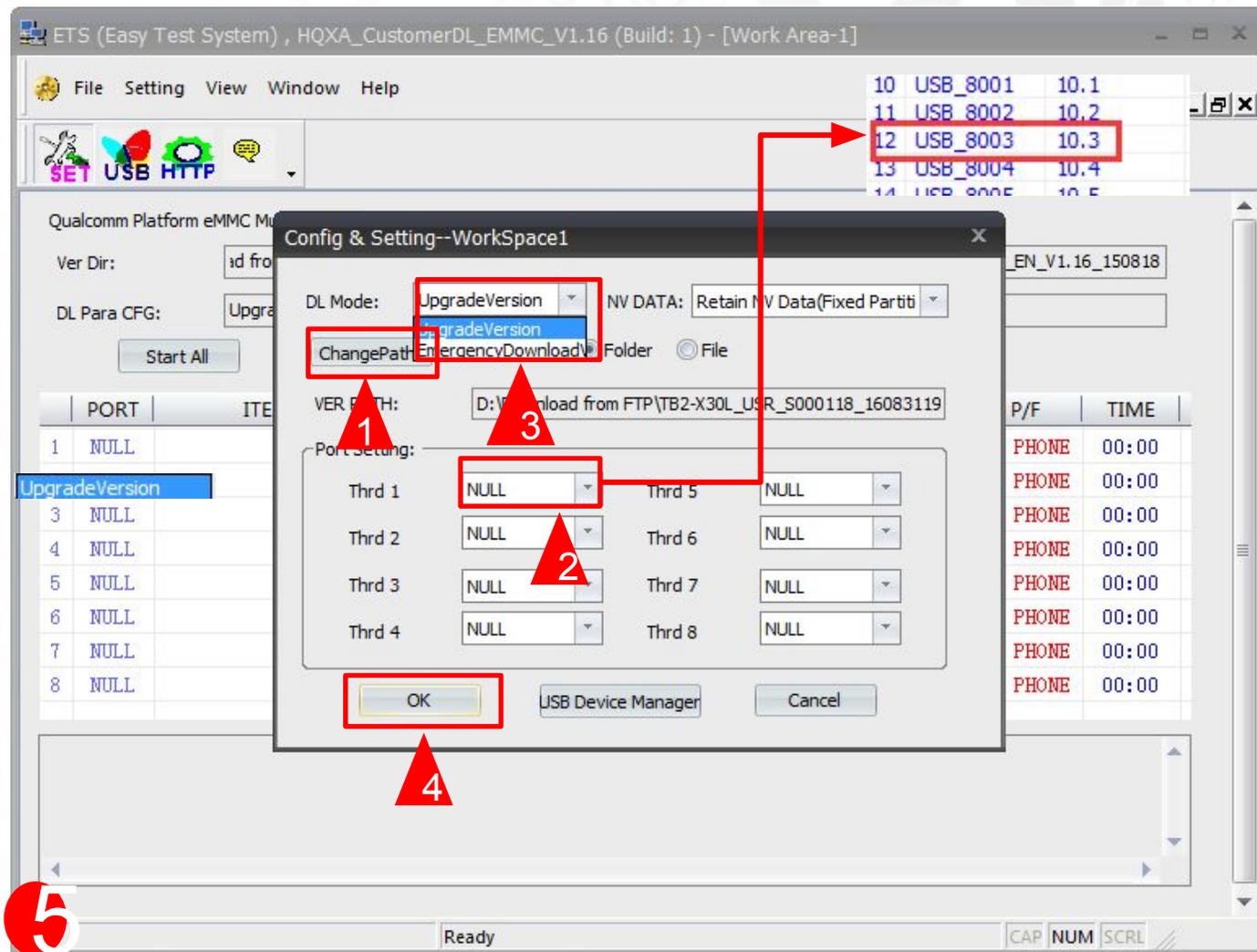
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Path Configure

Firstly you need to configure the path and port. Figure 2:



Select the software version of the root directory, if the path is not correct, download tooltip error.



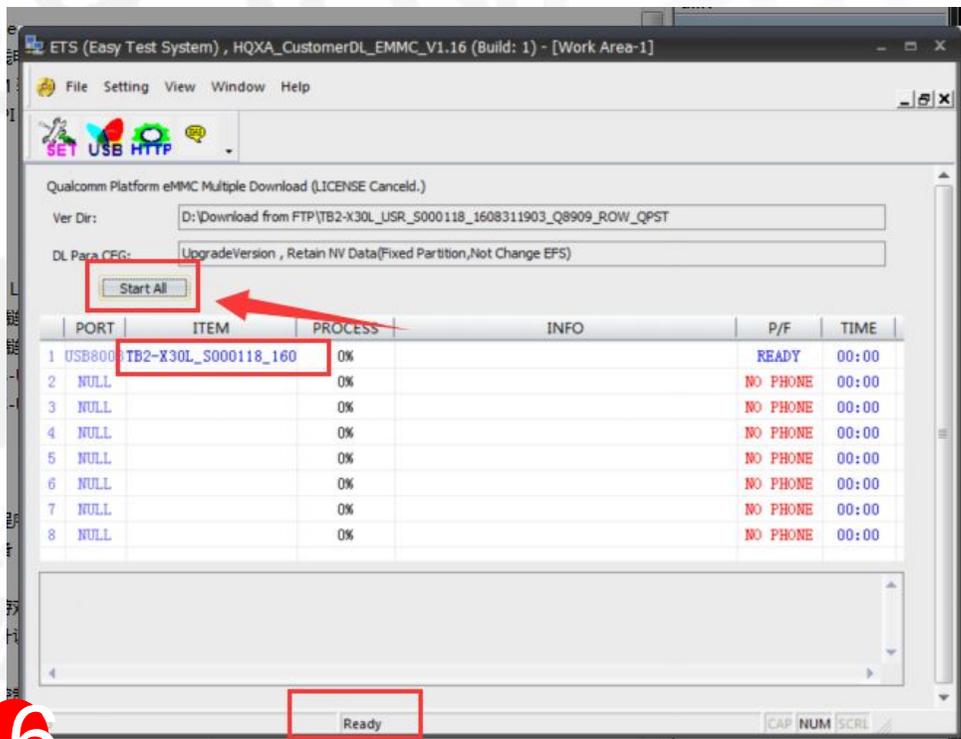
2 Select the port to confirm the 3 step.

3 If can not boot, choose **EmergencyDownload**

Download Configure

- Can be switched on.

Has opened the factory mode, boot state connected with the PC.

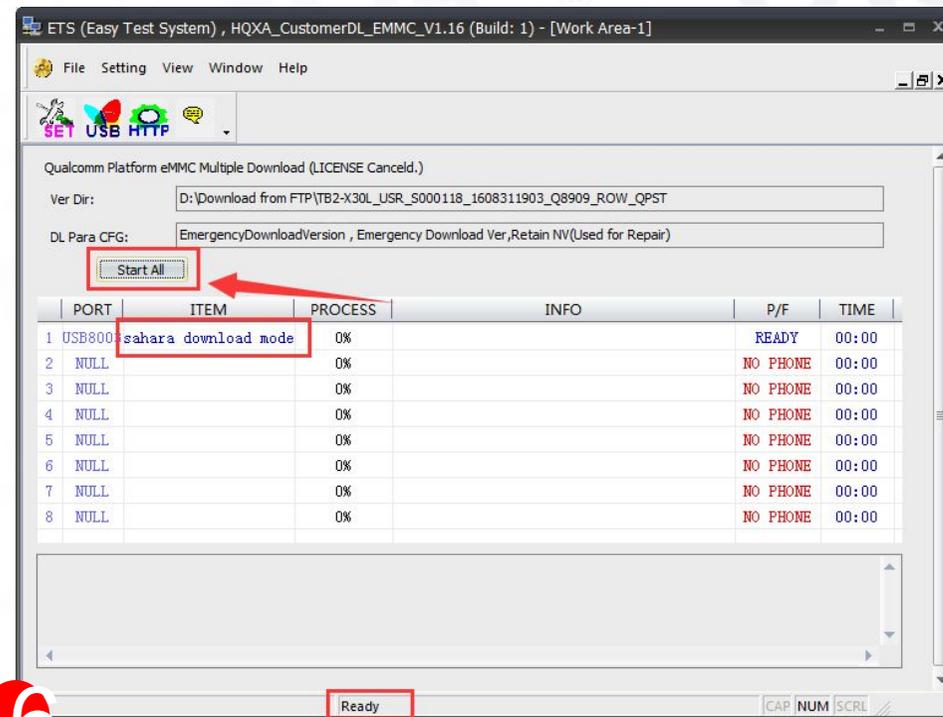


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Lenovo HS-USB Diagnostics (COM18)
Lenovo HS-USB NMEA (COM90)

- Can not boot.

Off, press volume + and - connect the PC through the cable at the same time.



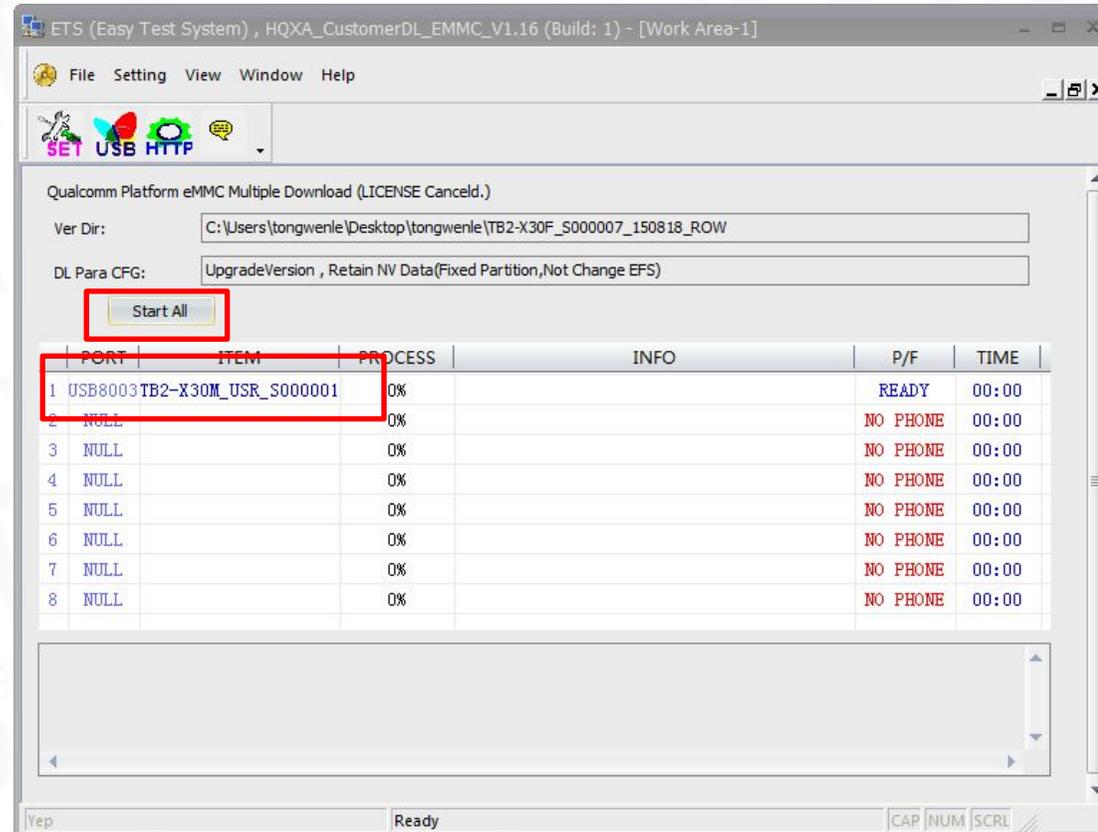
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Qualcomm HS-USB QDLoader 9008 (COM14)

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Download Process

After you configure the path and port, point the "Start All" button to start the download process. This tool supports up to 8 threads to download, based on software running stability considerations, it would be best 6 threads running.



Download Configure

Download Pass

The screenshot shows the ETS (Easy Test System) interface for Qualcomm Platform eMMC Multiple Download. The window title is "ETS (Easy Test System) , HQXA_CustomerDL_EMMC_V1.16 (Build: 1) - [Work Area-1]". The menu bar includes File, Setting, View, Window, and Help. Below the menu bar are icons for SET, USB, and HTTP. The main area displays the following configuration:

Qualcomm Platform eMMC Multiple Download (LICENSE Cancel.)
Ver Dir: C:\Users\tongwenle\Desktop\tongwenle\TB2-X30F_S000007_150818_ROW
DL Para CFG: UpgradeVersion , Retain NV Data(Fixed Partition,Not Change EFS)
Start All

	PORT	ITEM	PROCESS	INFO	P/F	TIME
1	USB8003	no phone	100%	Download Success.	SUCCESS	03:19
2	NULL		0%		NO PHONE	00:00
3	NULL		0%		NO PHONE	00:00
4	NULL		0%		NO PHONE	00:00
5	NULL		0%		NO PHONE	00:00
6	NULL		0%		NO PHONE	00:00
7	NULL		0%		NO PHONE	00:00
8	NULL		0%		NO PHONE	00:00

The status bar at the bottom shows "Ready" and "CAP NUM SCRL".

THANK YOU GRAZIE **MERCI** DANKE **GRAZIAS** 謝謝 **СПАСИБО**
GRACIAS **OBRIGADO** ありがとう **DANK** TAKK **BEDANKT** DAKUJEM