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## How to create a bootable Micro\_SD card

Applies to:

Platform	OS Version	PAC Utility Version
WinPAC	All Versions	All Versions
ViewPAC	All Versions	All Versions
	Platform WinPAC ViewPAC	PlatformOS VersionWinPACAll VersionsViewPACAll Versions

When the WinPAC have problem cannot boot. You can boot the WinPAC via a Micro\_SD, and then reinstall the OS and Eboot to fix the problem by refer to the FAQ: "w4-001-03\_how\_to\_update\_OS\_image\_and\_eboot\_by\_Micro\_SD\_card\_english".

Original Micro\_SD has been created a bootable card.

But, if you want to use the Non-original Micro\_SD to be a bootable card, please perform the following steps:

1. Only the following brands of Micro\_SD card can be used to create a bootable card. http://processors.wiki.ti.com/index.php/TI-Android-ICS-4.0.3-DevKit-

3.0.1 UserGuide#SD Card Recommendations

2. The OS of PC to create the bootable card had better use the Windows XP.

Step 1: Download the TI\_SDCard\_boot\_utility\_v1\_0.exe file to the PC side. CD:\napdos\WinPAC\_AM335x\Wp-5231\PC\_Tools\TI Tools\

Step 2: Download the OS install file to the PC side OS Image: <u>http://ftp.icpdas.com/pub/cd/WinPAC\_AM335x/Wp-5231/OS\_Image</u> update from Eshell or Micro\_SD/(\*Note1)

**Note1:** The OS image files of other platform:

IWS-x231: <u>http://ftp.icpdas.com/pub/cd/WinPAC\_AM335x/IWS-x231/OS\_Image\update\_from\_Eshell\_or\_Micro\_SD</u> VP-x231: <u>http://ftp.icpdas.com/pub/cd/WinPAC\_AM335x/VP-x231/OS\_Image\update\_from\_Eshell\_or\_Micro\_SD</u>

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	Step 3: Unzip th MLO XLDRSD.nb0 XLDRNAND.nb0 EBOOTND.nb0 EBOOTSD.nb0 NK.bin EBOOTSD.nb0 NK.bin EBOOTSD.nb0 NK.bin EBOOTSD.nb0 NK.bin EBOOTSD.nb0	ne Zip file to the 0 <u>VD.nb0</u> <u>SD.nb0</u> AND.nb0 D.nb0 e the "TI_SDCar	approp 68	riate location. 256 KB 256 KB 84 KB 3,408 KB 128 KB 84 KB	e.g. C:∖/	AM335x_O		
		1 201 201 201 201 201 201 201 201 201 20	and			0.400.000		
	TI_SDCard_boo	ot_utility_v1_0.exe				2,188 KB		
	Step 5: Select t	he MLO <mark>file (</mark> Th	e <mark>MLO</mark> 1	file local at the	OS ins	tall folder.)		
	🌵 TI SDCard Utility							
	First Step - SD Card drive - Select SD Card drive	~						
	Second Step - MLO file							
	Select an MLO file							
	Third Step - OS files							
	Select your bootloader, im you need on your SD card	age and files						
	Debug Output							
	Found removable media or	n drive "D:"						
				Proceed				
				- Total				
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I SDCard Utility	
rst Step - SD Card drive	
elect SD Card drive D: v	
Easty: INFSEX_BOLVOUL_TOLLOG_IM	
我的電腦      MLO     開啓()       網路上的芳鄰     檔名(1):     MLO Files (MLO)     取消       「以唯讀方式開啓(R)	
Proceed Quit	
II SDCard Utility	
Select SD Card drive D:	
econd Step - MLO file	
H:\WP523x_20140623_Ver.1.0.0.0_ml\MLO	
hird Step - OS files Select your bootloader, image and files you need on your SD card	
iebug Output	
Found removable media on drive "D:" MLO file selected. MLO path = H:\WP523x_20140623_Ver.1.0.0.0_ml\MLO.	
Proceed Out	
Proceed Quit	J

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Step 7: Select the FAT32 and then click the Start.

TI SDCard Utility	
First Step - SD Card drive	
Select SD Card drive D:	×
Second Step - MLO file	
H:\WP523x_20140623_Ver.1.0	谷亚(f): 057.)(D
Third Step - OS files	· 備来不规(F) FAT32
Select your bootloader, image a	配置留位大小(4)
you need on your SD card	福設配置大小
	磁碟區標籤(1)
	格式選項(0)
	✓ (秋速格式化(Q))
Debug Output	
Found removable modia on drive	建立一個 MS-DOS 開機磁片(M)
MLO file selected.	
MLO path = H:\WP523x_201406 Formatting "D:" drive	
	開始(S) 開閉(C)
L	
	Proceed Ouit
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**Step 9:** The TI Tool will copy the OS install file to the Micro\_SD card, and them the bootable card have been created.

TI SDCard Utility		×
First Step - SD Card drive Select SD Card drive D:		
Second Step - MLO file		
H:\WP523x_20140623_Ver.1.0.0.0_ml\MLO		
Third Step - OS files		
Select your bootloader, image and files you need on your SD card		
- Debug Output		
Setting MBR boot flag MBR boot flag set.		
Copying files to SD D:\VILO D:Select your bootloader, image and files D:you need on your SD card Copying files done.		
	Proceed Quit	
		_

## Note:

When the WinPAC cannot boot, you can boot by the Micro\_SD card, and then re-install the OS and Eboot by Micro\_SD card to fix the problem.

Please refer to the FAQ to re-install the OS and eboot: w4-001-03\_how\_to\_update\_OS\_image\_and\_eboot\_by\_Micro\_SD\_card\_english.