

# **Advantech AE Technical Share Document**

Date	2016 / 11/ 05	SR#	1-2723603852
Category	■ FAQ □ SOP	Related OS	WinCE
Abstract	How to install Advantech WinCE image		
Keyword	WinCE, CE, image installation		
<b>Related Product</b>	PPC-3100, PPC-3120, PPC-3150, PPC-L62T		

#### Problem Description:

PPC's WinCE images have both .ISO files and .BIN files and people get confused and ask for installation guide

- 1. Installation guide on .ISO CE image
- 2. Installation guide on .BIN CE image

#### Brief Solution - Step by Step:

#### 1. For .ISO image:

You can simply to burn the .ISO image into a CD/DVD and install it through a DVD drive.

Another way, you can use ISOtoUSB.exe for burning the .ISO file to a USB drive, then you can use such USB drive for installation.

1. Double click on ISO to USB application, and browse to where you store the .ISO image.

ISO to USB
ISO File D:\WES7\TPC2140WP\4.12.002\TPC2140WP_Browse
USB Drive
Drive (WARNING: Burning will erase ALL data on USB)
▼ Refresh
USB disk capacity must be larger than iso file.
File System Volume Label (max 11 chars)
FAT32 TPC2140WP_W57P_V4.12
Bootable, only supports Windows bootable ISO image. For bootable, USB disk should have only one partition. Do not use it on USB disk which has multiple partitions. If create failed and USB be unusable: <u>recovery quide.</u>
Status
Reading ISO info is complete.
Freeware, use at your own risk. USB disk will be formatted. www.isotousb.com Burn Close

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2. Select the correct drive for target installation. (USB drive)

ISO to USB
ISO File
2\TPC2140WP_WS7P_V4.12.002_x86_DVD.iso Browse
USB Drive
Drive (WARNING: Burning will erase ALL data on USB)
Refresh
te [18 04 cp]
File System Volume Label (max 11 chars)
FAT32 TPC2140WP_WS7P_V4.12
Bootable, only supports Windows bootable ISO image.
For bootable, USB disk should have only one partition.
If create failed and USB be unusable: recovery quide.
Status
Reading ISO info is complete.
Freeware, use at your own risk. USB disk will be formatted. www.isotousb.com Close

#### 3. Click on Bootable as shown:

ISO to USB	x
ISO File D:\WES7\TPC2140WP\4.12.002\TPC2140WP_ Browse	
USB Drive Drive (WARNING: Burning will erase ALL data on USB) Refresh USB disk capacity must be larger than iso file	
File System     Volume Label (max 11 chars)       NTFS     TPC2140WP_W57P_V4.12	
Bootable, only supports Windows bootable ISO image. For bootable, USB disk should have only one partition. Do not use it on USB disk which has multiple partitions. If create failed and USB be unusable: <u>recovery quide</u> .	]
Status Reading ISO info is complete.	
Freeware, use at your own risk. USB disk will be formatte www.isotousb.com Close	ed.

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4. Select the system type to NTFS or FAT32.

- ISO to USB
ISO File D:\WES7\TPC2140WP\4.12.002\TPC2140WP_ Browse
USB Drive
USB disk capacity must be larger than iso file.
File System Volume Label (max 11 chars) TPC2140WP_W57P_V4.12 FAT FAT32 exFAT NTFS Do not use it on USB disk which has multiple partitions. If create failed and USB be unusable: recovery quide.
Status Reading ISO info is complete.
Freeware, use at your own risk. USB disk will be formatted. www.isotousb.com Close

(Note: make sure the Volumn label is less than 11 characters)

5. Press Burn and wait for it to be done:

ISO to USB				
ISO File [2\TPC2140WP_WS7P_V4.12.002_x86_DVD.iso] Browse				
USB Drive Drive (WARNING: Burning will erase ALL data on USB)				
I: [29.04 GB]				
USB disk capacity must be larger than iso file.				
File System     Volume Label (max 11 chars)       NTFS     TPC2140WP				
Bootable, only supports Windows bootable ISO image. For bootable, USB disk should have only one partition. Do not use it on USB disk which has multiple partitions. If create failed and USB be unusable: recovery guide.				
Status Burning ISO image				
Freeware, use at your own risk. USB disk will be formatted. www.isotousb.com Burn Close				

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- 2. For .BIN CE images:
  - 1. Unzip the attached file: Advantech Windows CE Bootable Disk Builder V2.4.7
  - 2. Ask customer to use their own PC to connect with the CF/mSATA card. For example: a CF to USB device.
  - 3. RIGHT click the Windows CE bootable Disk Builder.exe, and RUN AS AN Administrator

名稱	修改日期	類型	大小
퉬 IniFile	2014/11/26下午…	檔案資料夾	
퉬 Loader	2014/11/26 下午	檔案資料夾	
퉬 Logos	2014/11/26 下午	檔案資料夾	
Release Note	2014/7/4 下午 01	TXT 檔案	2 KB
Windows CE Bootable Disk Builder	2014/7/4 上午 11	應用程式	2,236 KB

4. Please select the correct drive of your CF/mSATA card, select FAT32 File System, change the boot logo to CE6.0, then press Select.

Advantech Windows CE Bootable Disk Builder				
Settings Target (CF) Drive: J Please connect CF with USB, IDE or PCMCIA interface.	File System Type C FAT16 File System FAT32 File System			
- Boot Logo	Waiting Logo			
Advantech WinCE6.0.bmp 👻	Enable Waiting Logo			
AT Windows Embedded				
Select Other Logo	Select Other Logo			
Windows CE Image         Selected Image:         Please select Windows CE image.				
Status Waiting for selecting Windows CE image				
Control ADVANTECH About Start Exit				
Version: 2.4				



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5. Go to the direction where you put the NK.bin file and select it:

■ 開啟酱檔		Walks !			X
搜尋位置(I):	길 L62	•	· + 6	È 💣 💷	•
最近的位置					
点面					
媒體櫃	NK.bin				
電腦					
網路	檔案名稱(N): 檔案類型(T):	NK.bin		•	開散舊檔(O) 取消
		」」以唯讀万式開啟(R)			

- 6. Press Start.
- 7. After finished, you will see:

Advantech Windows CE Bootable Disk Settings Target (CF) Drive: F Please connect CF with USB, IDE or PCMCIA interface.	Builder 於 拖拽上传 File System Type FAT16 File System FAT32 File System
Advantech WinCE6.0.bmp v	Waiting Logo
Sel Windows Selected I D:Advantecherer rococraticions	king! nove the target CF disk now! 確定
Sector	
ADVANTECH Ab	out Start Exit

Install the CF/mSATA card to your PPC, and it's good to go.

