ANYPLACEUSB USB DEVICE SERVERS DRIVERS INSTALLATION GUIDE FOR MAC OS X

Getting AnyplaceUSB Device Drivers

You can download AnyplaceUSB drivers and app from the TITAN website.

The AnyplaceUSB USB Server is currently a beta driver, and it works on OS X 10.9 (Mavericks) and later.

The download is a disk Image file (dmg) at:

https://www.titan.tw/download/anyplaceusb-for-mac-beta/

Clicking the weblink and "DOWNLOAD", you will download the file AnyplaceUSB-Installer.dmg.

1. Double click the DMG to make its content available (name will show up in the Finder sidebar), usually a window opens showing the content as well



2. Drag the application from the DMG window into /Applications to install (may need an administrator password)



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- 3. wait for the copy process to finish
- 4. If there is an unidentified developer warning showing.



- 5. Click 'OK'
- 6. Open System Preferences.
- 7. Go to Security & Privacy and select the General tab.

••• <>	Security & Privacy	Q Search –
Genera	al FileVault Firewall	Privacy
A login password has been	set for this user Chang	e Password
Require password	immediately ᅌ after slee	ep or screen saver begins
Show a message where the supervision of the supe	ien the screen is locked	Set Lock Message
Allow apps downloaded fro	m:	
O App Store		
 App Store and ident 	ified developers	
"AnyplaceUSB.app" was blo from an identified develope	ocked from opening becau r.	se it is not Open Anyway
Click the lock to make changes	5.	Advanced ?

- 8. If you've been blocked from opening an app within the past hour, this page will give you the option to override this by clicking the temporary button 'Open Anyway'.
- 9. You'll be asked one more time if you're sure, but clicking Open will run the app.

	"AnyplaceUSB.app" is from an unidentified developer. Are you sure you want to open it?
<u> </u>	Opening "AnyplaceUSB.app" will always allow it to run on this Mac.
	Chrome downloaded this file today at 8:46 PM from www.titan.tw.
?	Open Cancel

10. Go to Finder \rightarrow Applications and find 'AnyplaceUSB'



11. Right click on 'Anyplace USB' and select 'Open'.

• • •		Market Application
$\langle \rangle$		
Favorites	Today	
iCloud Drive		
Documents	Sto-	
Desktop		Open
All My Files	Anyplace	Snow Package Contents
AirDrop		Move to Trash
Applications	Previous 30 [Get Info
Downloads	LINE	Rename Compress "AnyplaceUSB"
Creative Cloud		Duplicate

12. When executed for the first time may show up a warning message. Click 'OK' to continue.

AnyplaceUSB Local USB Devices Remote USB Devices Share Unshare Unshare all Disable current connection Refresh Location Description Name Authoriz Encrypy Compre Port State	art
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Getting Local USB Devices on OS X (Server Side)

To begin sharing on a host computer running the Mac OS X, perform the following steps:

- 1. Start AnyplaceUSB
- 2. In the upper part of the application window, select **Local** panel.

Share	Unshare U	Inshare all Disable	current cor	nection	Re	fresh		
Location	Description	Name	Authoriz	Encrypy	Compre	Port	State	
20-11.2	My flash drive	USB FLASH DRIVE	No	No	No	25102	Shared	

- 3. The main area of the Local panel contains a list of USB devices that are currently connected on the host computer. Find the USB device that you want to share and select it. If you do not see the desired device, unplug the device, and reconnect it again.
- 4. Click **Share** button.

5. In the dialogue that appears, configure some sharing options for the selected USB device.

Vendor ID: 0x	0930
Product ID: 0x	(1408
BCDDevice: 0 Product: USB	FLASH DRIVE
Manufacturer	TOSHIBA
Network option:	
Reverse host:	
TCP Port:	25102
for ford.	20102
compressio	n encryption
Enable author	ization
2	
Password	
Retype:	
Description	

• **TCP Port**: Indicate the **TCP Port** in the corresponding field. This port should not be occupied in your system. If you are not sure about the proper value for this field, leave it empty and AnyplaceUSB will automatically set a random TCP port.

For TCP and UDP ports used by AnyplaceUSB: Please refer to <u>the last</u> page of the manual.

- **Password:** Enter a password in the Password and Retype fields to authorize trusted access to the USB devices.
- To securely connect to the USB device, enter the password on a remote computer. Users who do not know the password cannot access the USB device, and if the Encryption

option is enabled, information that is sent to or from the shared USB device cannot be "sniffed" (intercepted).

- **Encryption**: For additional security, you can select the Encryption checkbox. This option protects the data that is sent from the USB device.
- **Compression**: Tick "**Compression**" box if you want to compress traffic. This option helps speed up interaction with certain types of USB devices and reduce Internet traffic. You may find this useful for USB devices which transfer data in uncompressed format, like scanners. It is recommended not to use this option for USB devices which transfer incompressible types of data, e.g. isochronous USB devices (audio cards, web cams, etc.). For example, web cam video compression is enabled by default, and further compression can result in degrading video quality.
- 6. After you specify all the options, click **OK** to share.
- 7. Your USB device is now shared and available for client computers.

Connecting to Remote Shared USB Devices from the Client Side

To connect to remote shared USB devices from a client computer running OS X, perform the following steps:

- 1. Start AnyplaceUSB.
- 2. Switch to the Remote USB devices tab.

	L	ocal USB Devices	Remote USB Devices			
Find	dd Delete	Connect D	isconnect			
Location	Description	Name	Authoriz Encrypy C	ompre: Port	State	

- 3. Click Find:
- 4. The Add remote USB device dialog will be invoked:

emote host IP:	localhost		Find Find All
Location	Description	Name	Authoriz Encrypy Compre: Port
Add armste	davica		Close

5. If you want to search for USB devices shared on a specific remote host, type in its IP address or network name and click **Find**. To find all shared USB devices available on your local network, use **Find all**.

emote host IP:	localhost				Find	Find All
ocation	Description	Name	Authoriz	Encrypy	Compre	Port
192.168.31.17	2					
usb250						
port1		Storage Media	No	No	No	29716
port1		USB FLASH DRI	No	No	No	29717
192.168.31.11	7					
▼ usb1						
port2.4	1 -	Hard Drive	No	No	No	5040
port2.3	3 -	HV100	No	No	No	5030

6. If the search in the previous step yielded no results, you can press the **Add** button on the toolbar and manually specify the TCP port on which your device is shared:

	C	Local USB Devices	Remote USB Devices
Find	Add Delete	Connect	Disconnect
Location	Description	Name Name Nost : TCP Port 102 Cancel	Authoriz Encrypy Compre Port State

7. To connect to devices in the list in the Remote pane, click the necessary device and then click the **Connect** button. If the device is protected by a password, enter the password, and click **OK** in the dialog that appears.

		Local USB Devices	Remote	USB Device	s		
Find Add	Delete	Connect	isconnect				
Location	Description	Name	Auth	oriz Encrypy	Compre	Port	State
 192.168.31.172 usb250 							
port1		Storage Med	ia No	No	No	29716	Disconnected
port1		USB FLASH	DRI No	No	No	29717	Disconnected

Note: Please make sure that the following ports are open in your system: TCP 5473, UDP 5474, UDP 5475.

Disabling Current Connection

To **disable a client's connection** to a shared USB device, on the host computer (the computer to which the USB device is physically connected), perform the following steps:

- 1. In Local panel, select the device from which you want to disconnect a client computer.
- 2. Select a shared USB device you want to break connection with.
- 3. Click Disable current connection button

		Local USB De	vices	Remote US	SB Devic	es		
Share	Unshare	Unshare all	Disable	e current con	nection	Re	fresh	
Location	Description	Name		Authoriz	Encrypy	Compre	Port	State
21-8.1		DataTraveler	r 3.0	No	No	No	205	Shared with ::1
	Channel devices							

TCP and UDP Ports Used by AnyplaceUSB

AnyplaceUSB requires the following ports to be open:

- TCP 5473 for getting the list of shared USB devices and detailed information about them.
- UDP 5474 for broadcasting, to automatically discover devices shared in the local network.
- UDP 5475 for receiving response to a broadcast request.
- TCP 5475 for remote service management.
- TCP port specified in the sharing options on the server.