

HowTo Install LibUSB on Windows 7

LibUSB 1.2.1

Pinguino need libusb to communicate with your computer. Do not install a previous version of LibUSB on windows 7, only use the version 1.2.1 with a windows 7 computer.

Download this compressed file:

<http://sourceforge.net/projects/libusb-win32/files/libusb-win32-releases/1.2.1.0/libusb-win32-src-1.2.1.0.zip/download>

and extract it in a new folder in your personal folder.

Disconnect your pinguino.

Then you need to know what is the processor in your computer.

If your computer is a **X86 32 bits system**:

- go to the libusb-win32-bin-1.2.1.0\bin\x86 folder,
- rename the file **libusb0_x86.dll** to **libusb0.dll**,
- copy this new file in the c:\Windows\system32\ folder,
- copy the file **libusb0.sys** to the c:\Windows\system32\drivers\ folder,

If your computer is a **X86 64 bits system**:

- go to the libusb-win32-bin-1.2.1.0\bin\x86 folder,
- rename the file **libusb0_x86.dll** to **libusb0.dll**,
- copy this new file in the c:\Windows\syswow64\ folder,
- copy the file **libusb0.sys** to the c:\Windows\system32\drivers\ folder,

If your computer is an **AMD 64 bits system**:

- go to the libusb-win32-bin-1.2.1.0\bin\amd64 folder,
- copy this new file in the c:\Windows\system32\ folder,
- copy the file **libusb0.sys** to the c:\Windows\system32\drivers\ folder,

If your computer is an **intel IA64 bits system**:

- go to the libusb-win32-bin-1.2.1.0\bin\ia64 folder,
- copy the file **libusb0.dll** in the c:\Windows\system32\ folder,
- copy the file **libusb0.sys** to the c:\Windows\system32\drivers\ folder,

Pinguino driver

Then you can download the windows 7 Pinguino driver on hackinglab:

<http://www.hackinglab.org/pinguino/download/driver%20pinguino%20windows/driver%20pinguino%20w7.zip>

extract this file in the examples folder of libusb-win32-bin-1.2.1.0 folder.

Pinguino

Connect your Pinguino, and go to the control panel, system ,Device Manager

Pinguino is a non recognised device (with the warning icon).

Right click on the device, then click properties.

You must now install the driver for Pinguino. Click on the update driver button, then go to the folder with Pinguino driver (the one you downloaded before).

Then click OK.

Your Pinguino is installed, it should appear in the device manager as a libusb-win32 device.