Connecting to Windows with a USB Cable

The first time you plug the Wallaby running Version 11 or later into your Windows machine, one of two things will happen. You'll either see a new RNDIS network device, or you won't. Let's deal with the non-functional cases first.

Open up the Device Manager by clicking on the windows icon in the bottom left and searching for device manager (you will need admin privileges). Locate the RNDIS network device - if it's not working it will look like this. If the RNDIS device shows up in the "Network Adapters" section, then you do not need these instructions.



Right click on the "RNDIS/Ethernet Gadget" and choose "Update Driver Software..."



Choose "Browse my computer for driver software"

•	Search automatically for updated driver software Windows will search your computer and the Internet for the latest driver software for your device, unless you've disabled this feature in your device installation settings.
	Browse my computer for driver software
-	Locate and install driver software manually.

Then "Let me pick from a list of device drivers on my computer".

BLO	wse for driver software on your computer
Searc	ch for driver software in this location:
irs¥l	katsukity64¥Desktop¥CyUSB_64bit_3101¥CyUSB 3.1.0.1
+	Let me pick from a list of device drivers on my computer This list will show installed driver software compatible with the device, and all driver software in the same category as the device.

Then choose "Network adapters" as the device type and click "Next".

🔋 Update Driver Software - RNDIS/Ethernet Gadget				
\bigcirc	Update Driver Software - RNDIS/Ethernet Gadget			
	Select your device's type from the list below.			
	Common hardware types:			
	Mobile devices			
	Modems			
	Monitors			
	Multifunction adapters			
	T Multi-port serial adapters			
	🛃 Network adapters			
	Network Client			
	Network Protocol			
	Network Service			
	Non-Plug and Play Drivers			
	PCMCIA adapters			
	Portable Devices			
	Next Canc	el		

After a few moments, a drop down list of manufacturers and network adapters will appear, and you want to select "Microsoft Corporation" and "Remote NDIS Compatible Device" as shown here:

🔋 Up	🔋 Update Driver Software - RNDIS/Ethernet Gadget					
\bigcirc	Update Driver Software - RNDIS/Ethernet Gadget					
	Select Network Adapter					
	Click the Network Adapter that matches your hardware, then click OK. If you have an installation disk for this feature, click Have Disk.					
	Manufacturer Network Adapter:	1				
	Marvell Remote NDIS based Internet Sharing Device					
	Microsoft Corporation					
	Motorola, Inc.					
	This driver is digitally signed. Have Disk					
Tell me why driver signing is important						
	Next Cancel					

Click "Next" and then click through the "Update Driver Warning Dialog". Now the device should be showing in the "Network adapters" list, like this:

Pevice Manager	
File Action View Help	
Win7pro Batteries Computer Disk drives Disk drives Diplay adapters DVD/CD-ROM drives Human Interface Devices Computer DE ATA/ATAPI controllers Keyboards Network adapters Network adapters Network adapters NIDIS/Ethernet Gadge Ports (COM & LPT) Processors Sound, video and game controllers System devices Diplay adapters Universal Serial Bus controllers	

Now you can test the driver by going to **192.168.12<u>4</u>.1:88888** in a web browser, like Chrome. Note that the Wired and Wireless IP address are different.