
牛桥 双 COM 口驱动安装指引

Windows7 系统

Application Note for 32-bit NuMicro® Family

Rev. 1.01 — Nov 1, 2013

文档说明

摘要	本文档主要介绍如何在Windows 7系统下安装牛桥的双COM口驱动.
应用	NUC123 系列

1 牛桥驱动安装步骤:

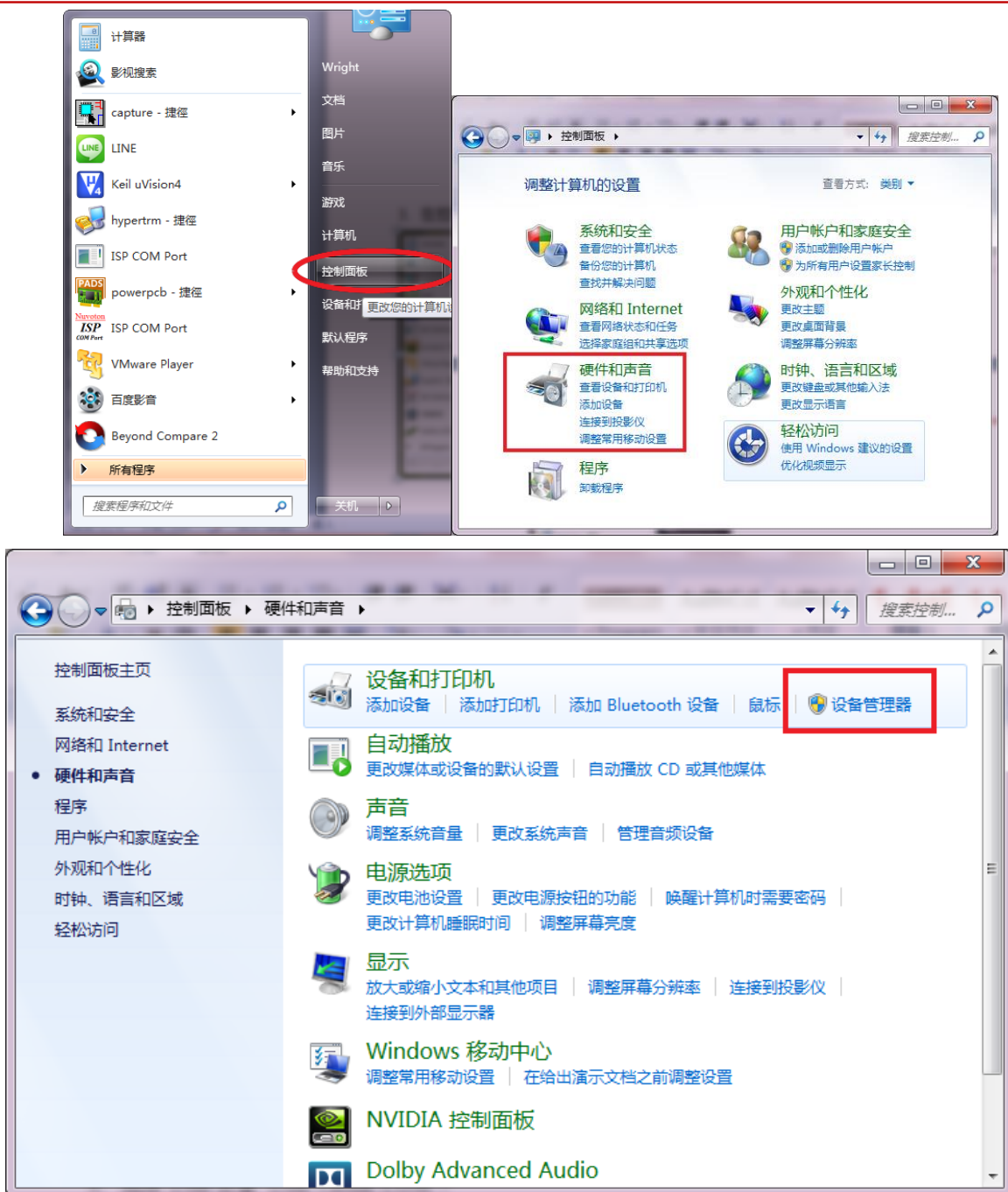
1. 将牛桥 (下图) 接入电脑的 USB 口



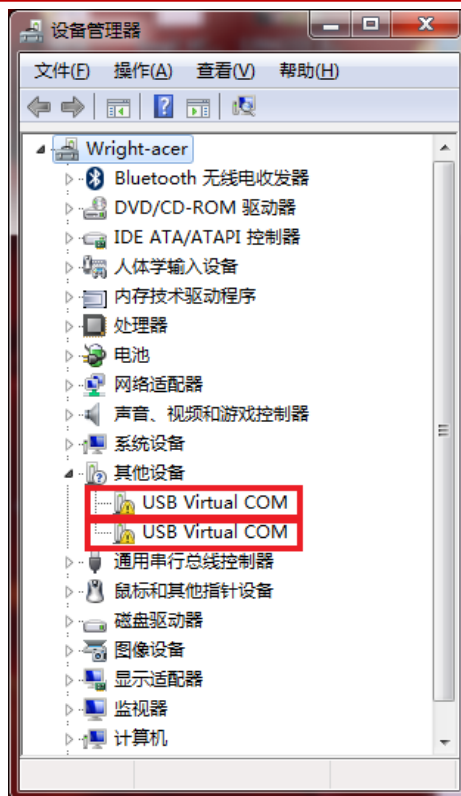
2. 取消 USB 驱动自动安装



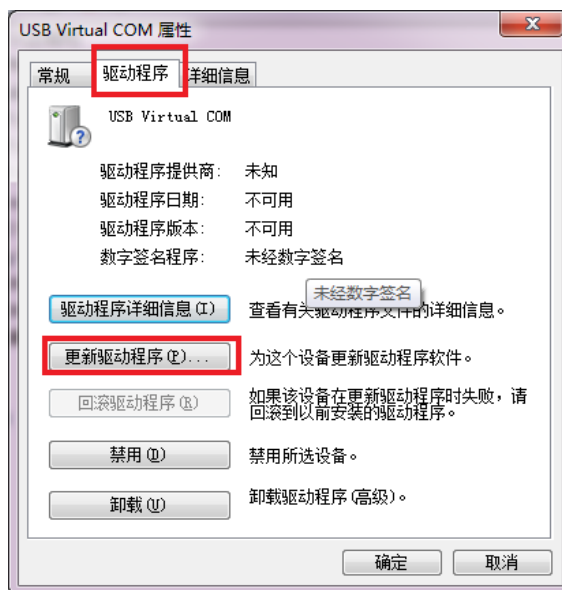
3. 在控制面板上打开设备管理器



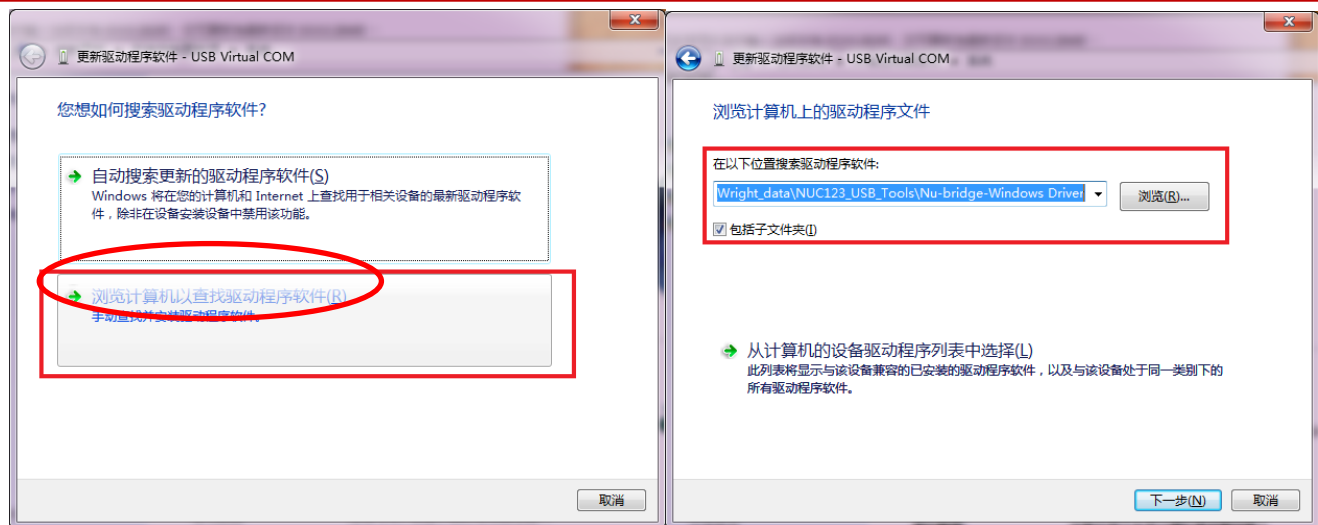
4. 选择 USB 设备“USB Virtual COM”



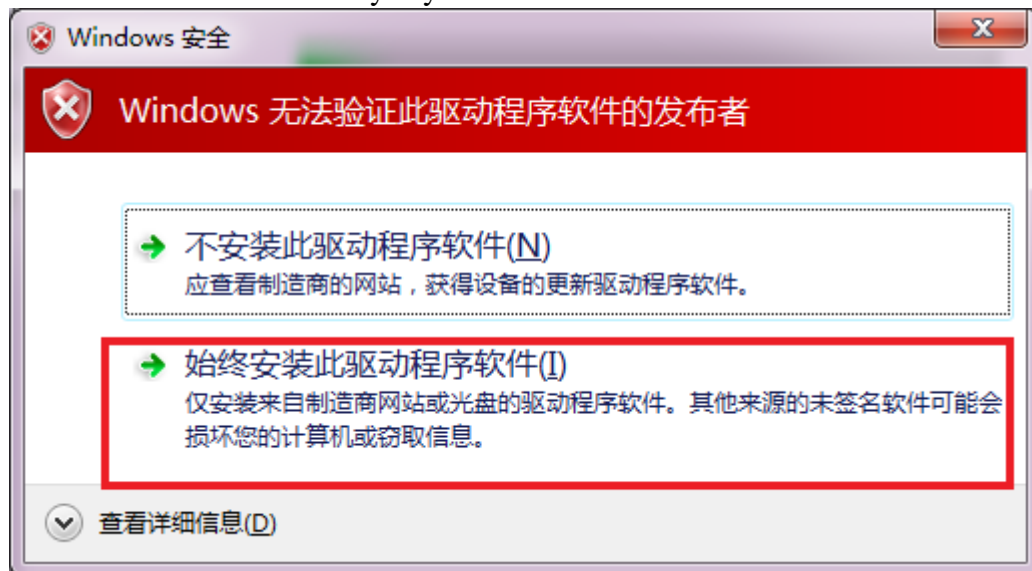
5. 选择“更新驱动程序”



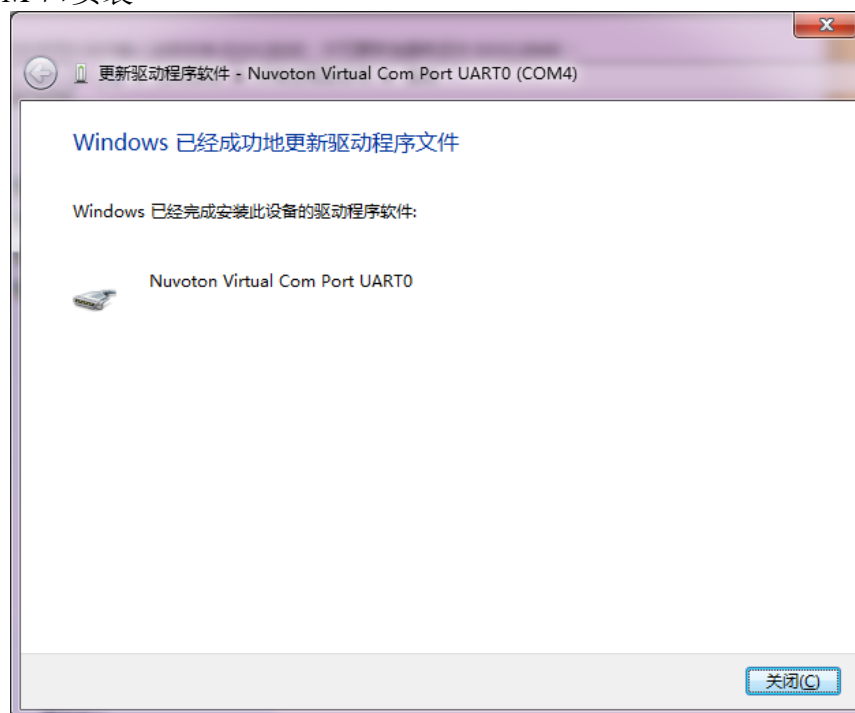
6. 重新从驱动引导路径下找到 INF 文件夹并安装“NuvotonCDC.inf”



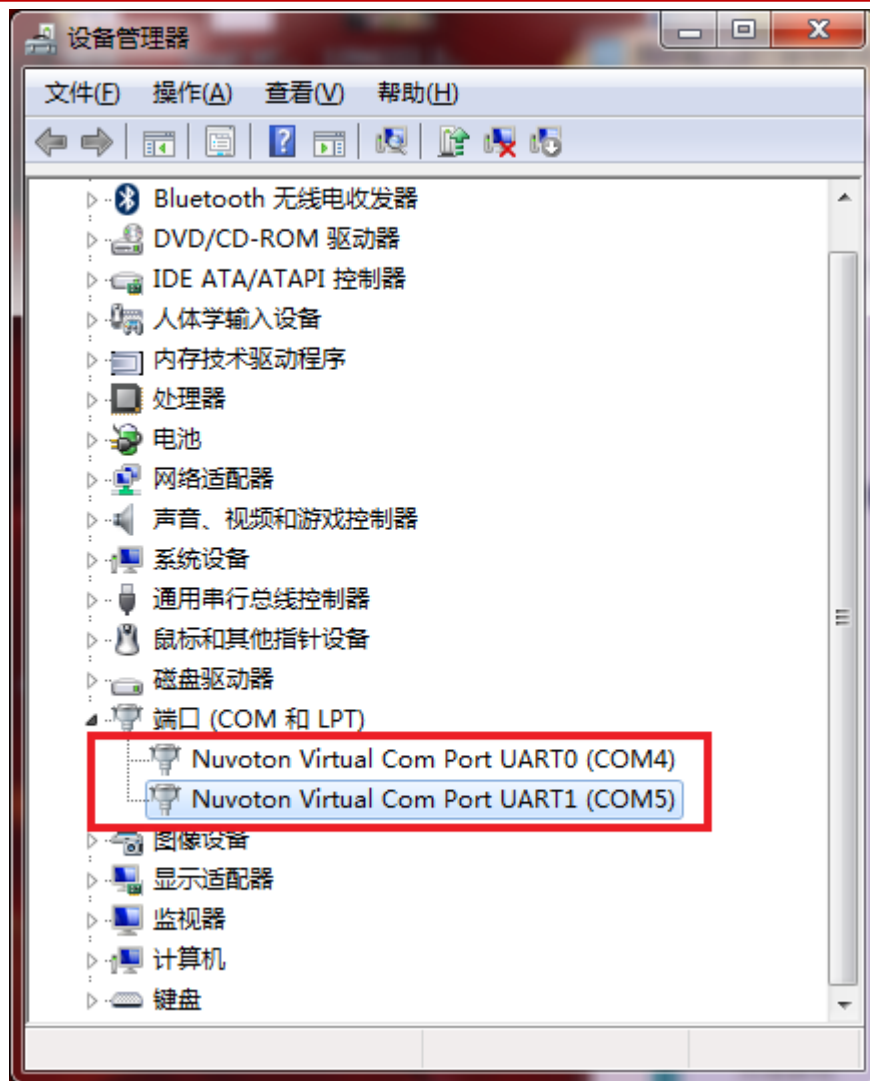
7. 选择 “Install this driver software anyway”



8. 完成一个 COM 口安装



9. 用同样的过程安装另外一个 COM 口



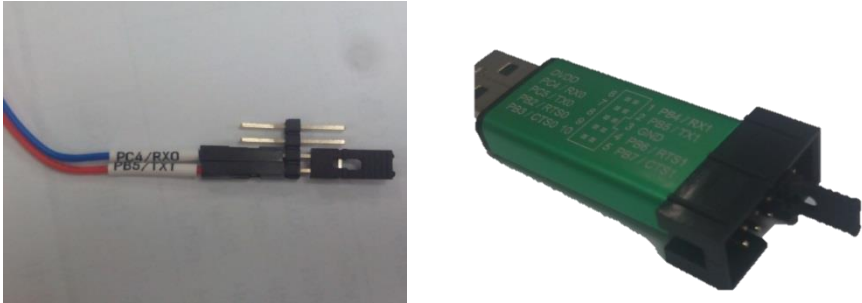
2 更新 APROM 固件

牛桥在NUC123的LDROM 中有两个引导模式。一个是硬件测试模式，另外一个固件更新模式，可以轻松地更新牛桥固件。

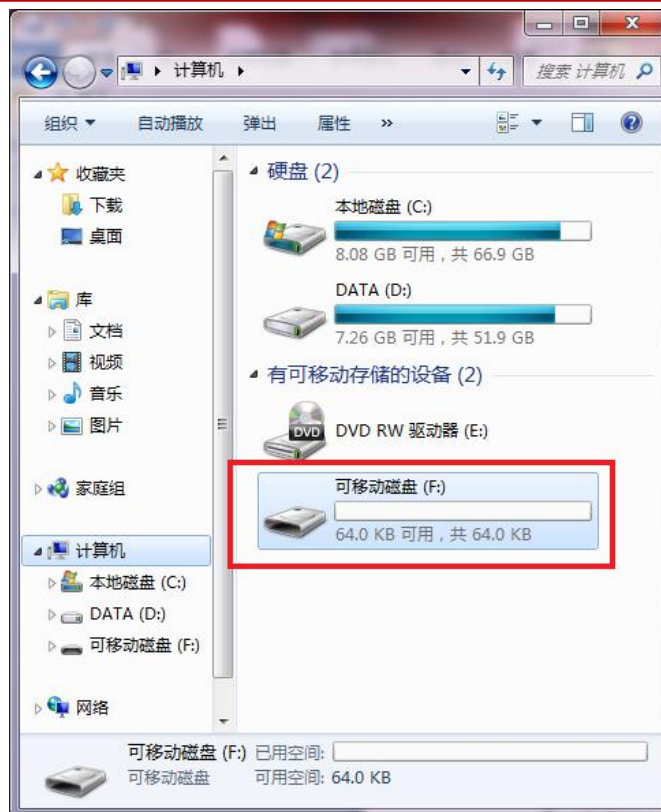
引导模式	硬件上电设置	注意
硬件测试模式	PB4/RX1 、 PB5/TX1短接	
固件更新模式	PB5/TX1、 PC4/RX0短接	在USB 大容量存储模式下

牛桥固件更新步骤:

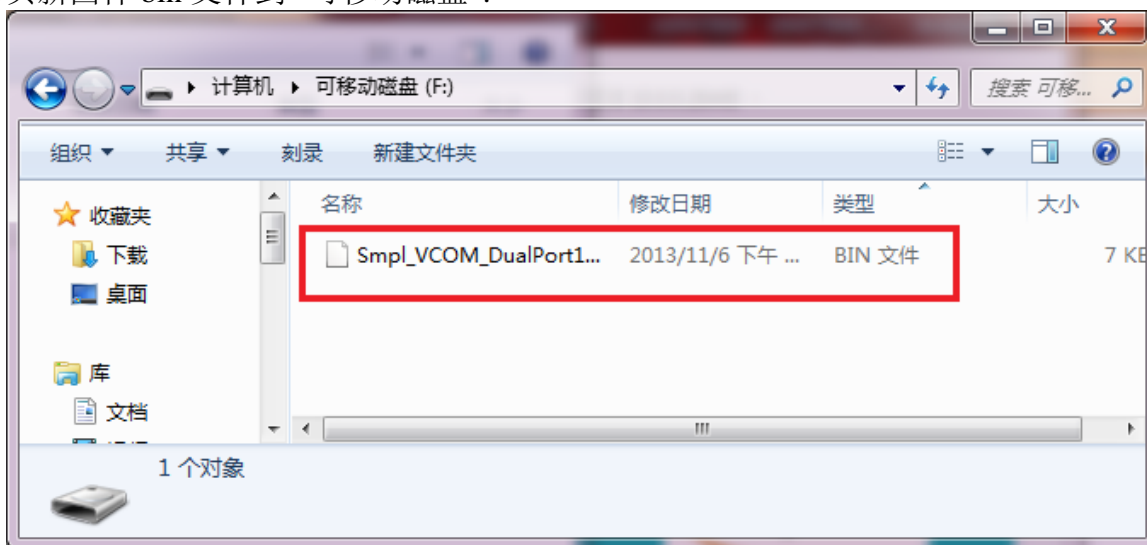
1. 在接入 USB 前 PB5 、 PC4 短接如下图



2. 然后将牛桥接入电脑的 USB 口将出现“可移动磁盘”.



3. 拷贝新固件 bin 文件到“可移动磁盘”。



4. 拔下牛桥
5. 取消 PB5 、PC4 短接就可以使用新固件了。

版本记录

版本	日期	描述
1.00	Nov. 1, 2013	初版
1.01	Nov. 4, 2013	增加固件更新.

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