



Setup & Installing Software

VNA driver installation on Windows 8 systems

summary

Installation of the VNA software can be tricky on Windows 8 systems. This document describes the steps to install the VNA software on W8 systems.

installation of the user interface software (GUI)

Run SetupVNA-X.Y.Z.exe (from the provided USB stick or get it from <http://www.megiq.com/software>).

windows driver signature enforcement – Windows 8

This applies to Windows 8 and higher. Windows 7 (and earlier) users can skip this section. Where up to Windows 7, unsigned drivers could be installed with just an extra warning, things are a lot stricter in Windows 8 (and up).

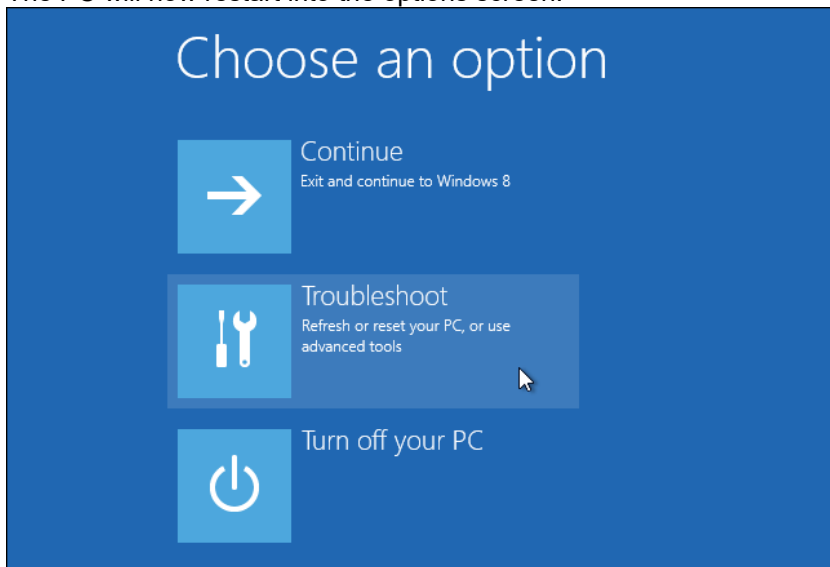
There is however a way to temporarily disable this enforcement, so legacy drivers can be installed in the same way as it is done in Windows 7.

To accomplish this, the PC has to be restarted in a somewhat special way.

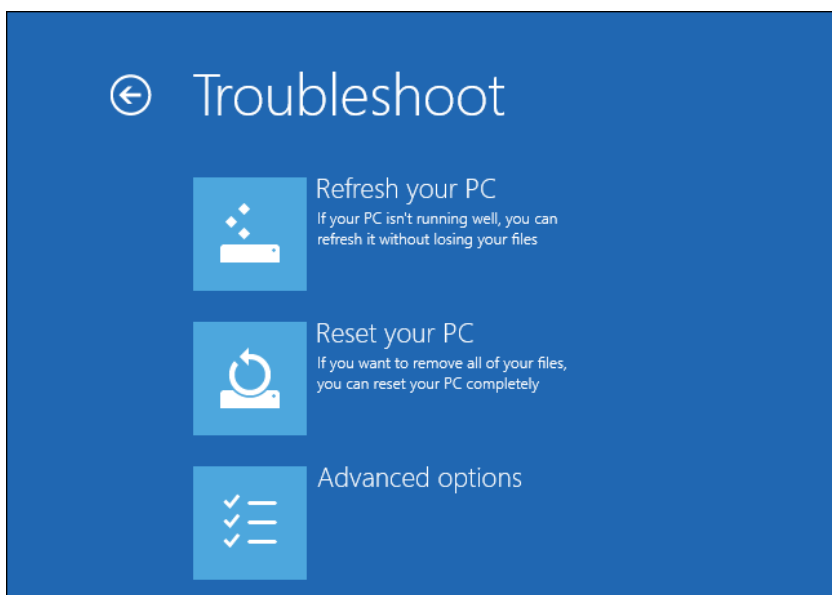
The fastest way to do this open a Command Prompt (Windows Key + R, type “cmd”).

On this command prompt issue “shutdown /o /r /t 0”.

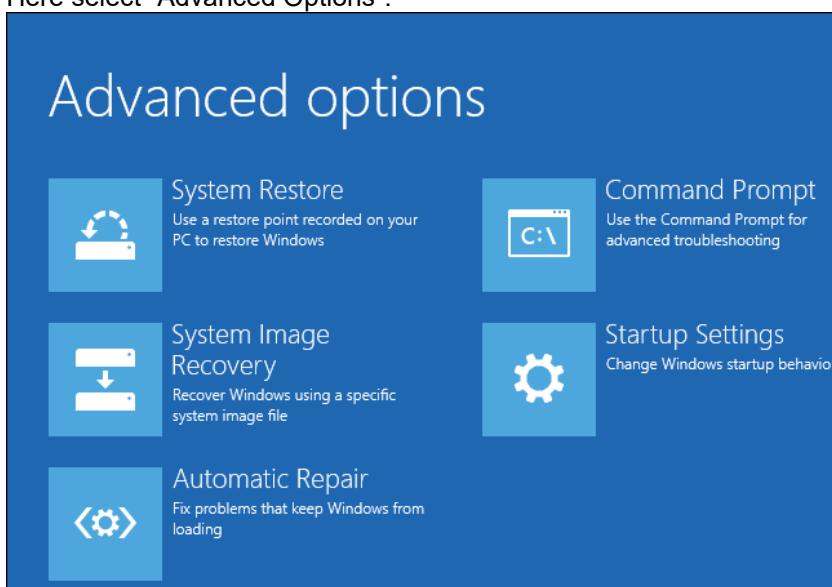
The PC will now restart into the options screen.



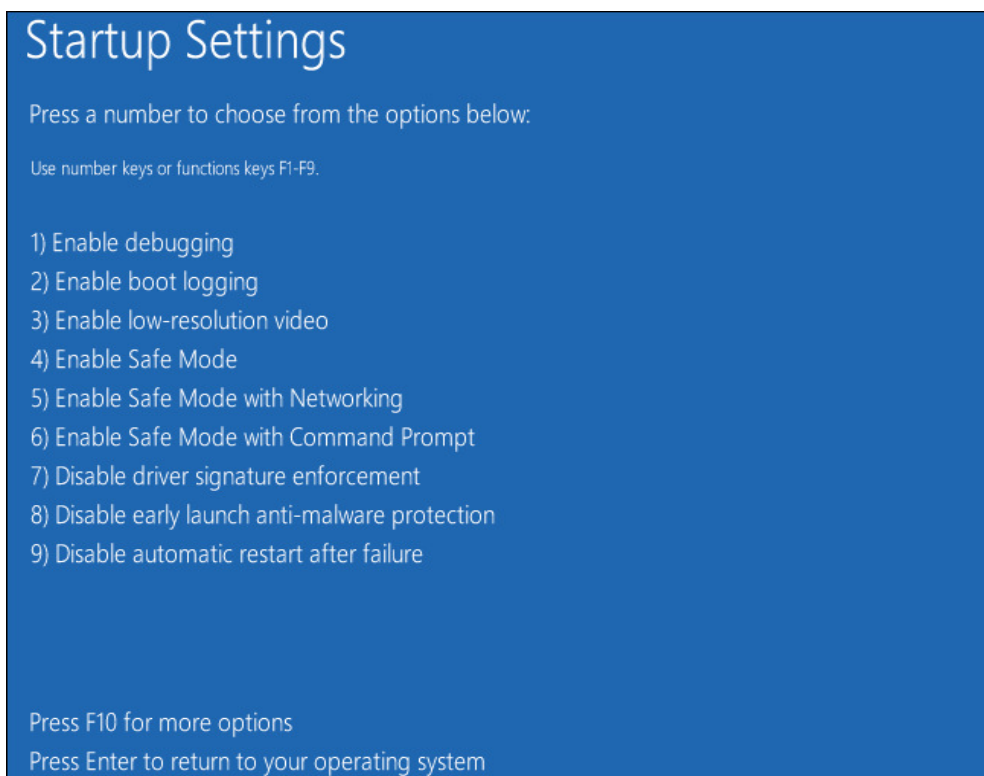
Select “Troubleshoot”.



Here select "Advanced Options".



Then select "Startup Settings".



Here the option number 7 "Disable driver signature enforcement" should be selected.

setting up the driver

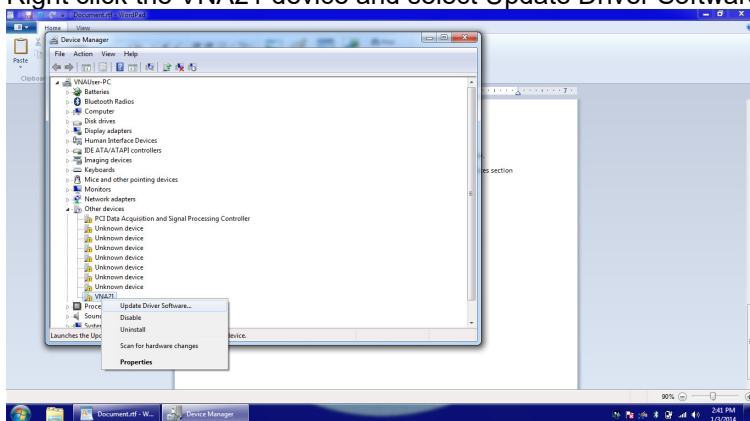
Now you will setup the USB driver. This driver is already part of Windows, but you must tell Windows what to do with it. This you will need to do only once with every new instrument.

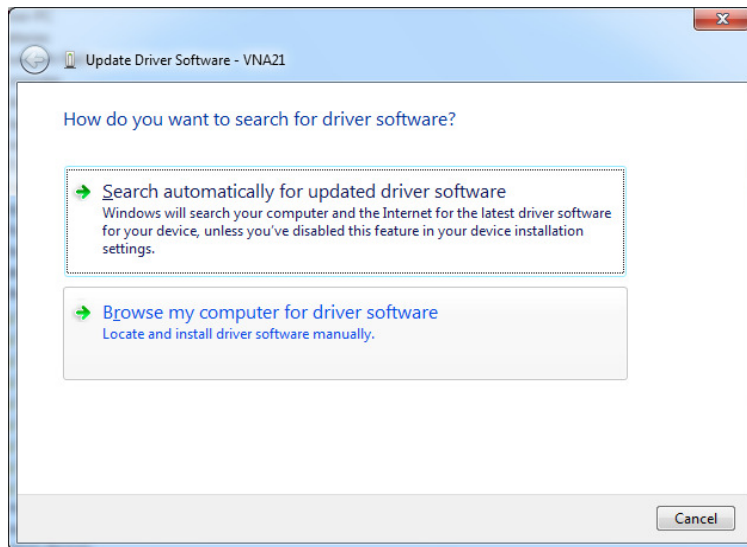
For setting up the driver, the instrument should be connected to the PC.

First power up the VNA and then connect it to the PC using the supplied USB cable.

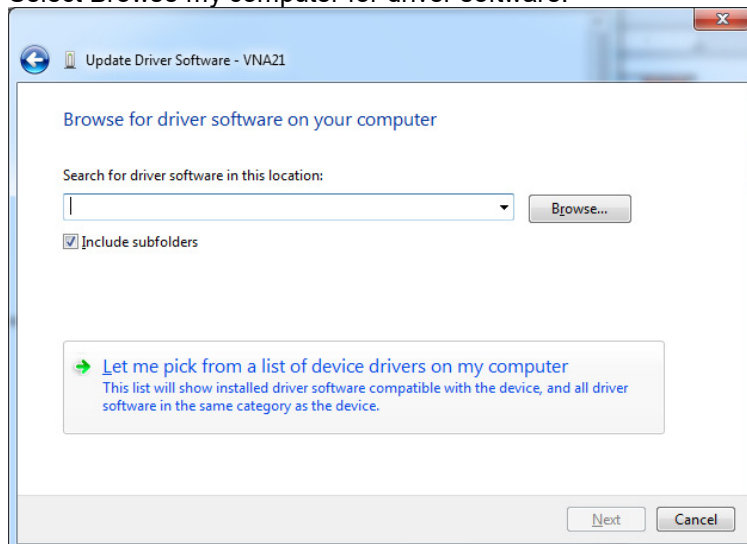
The automatic installation of the driver by windows will not work properly and generate an error message. Just wait for Windows to finish its attempt to find a driver on its own and then proceed as follows:

Open the device manager and locate the device called VNA21 under the Other devices section
Right click the VNA21 device and select Update Driver Software...

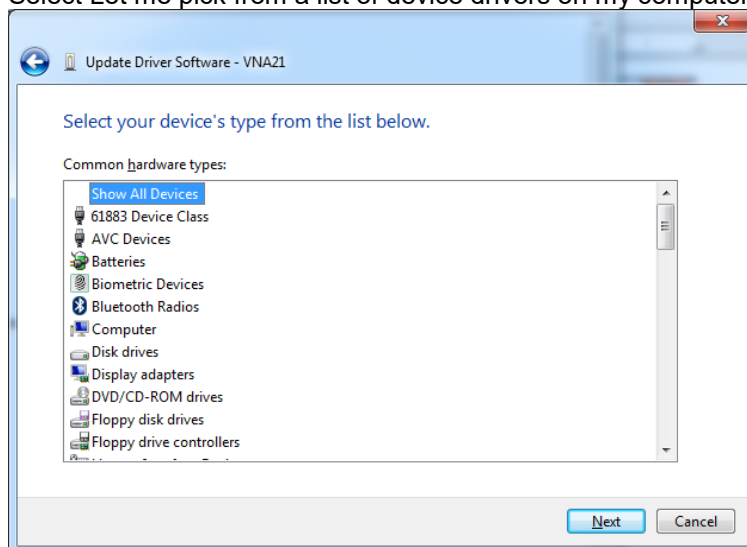




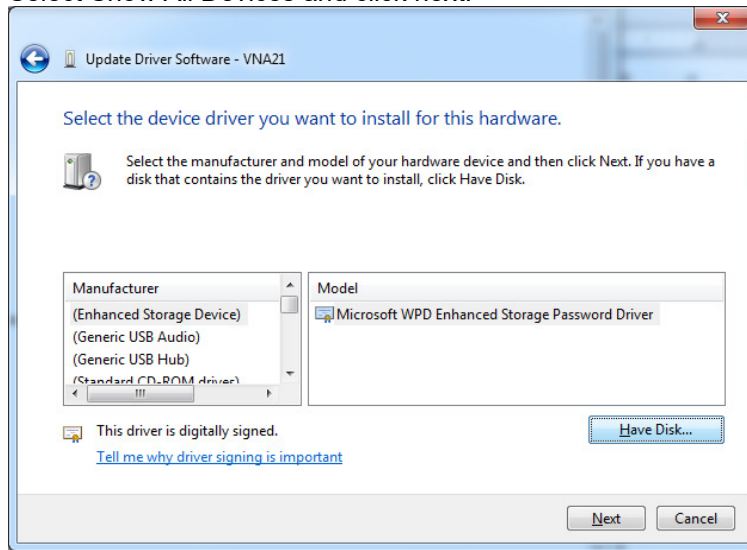
Select Browse my computer for driver software:



Select Let me pick from a list of device drivers on my computer:

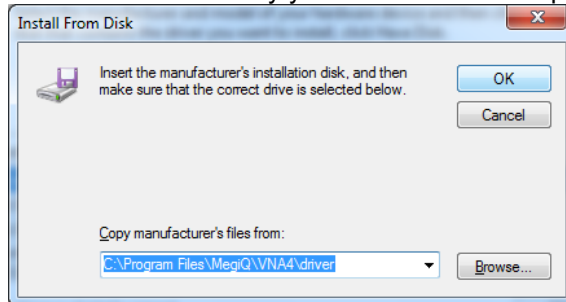


Select Show All Devices and click next:

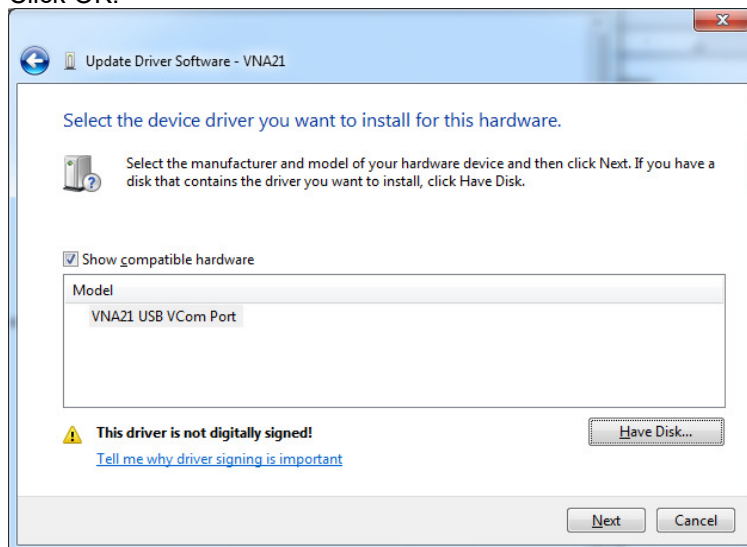


Click Have Disk...

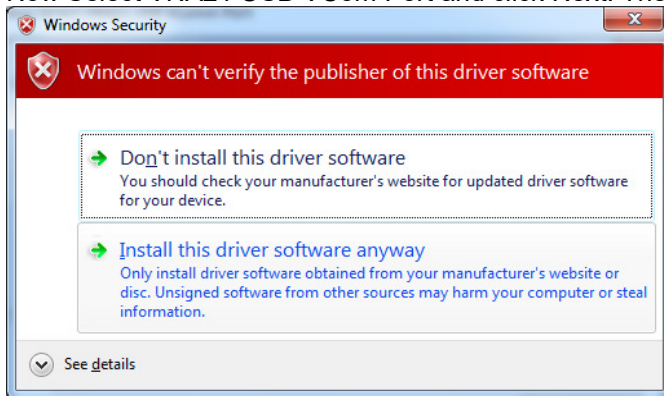
Browse to the directory you installed the VNA program and go to the driver subdirectory:



Click OK:

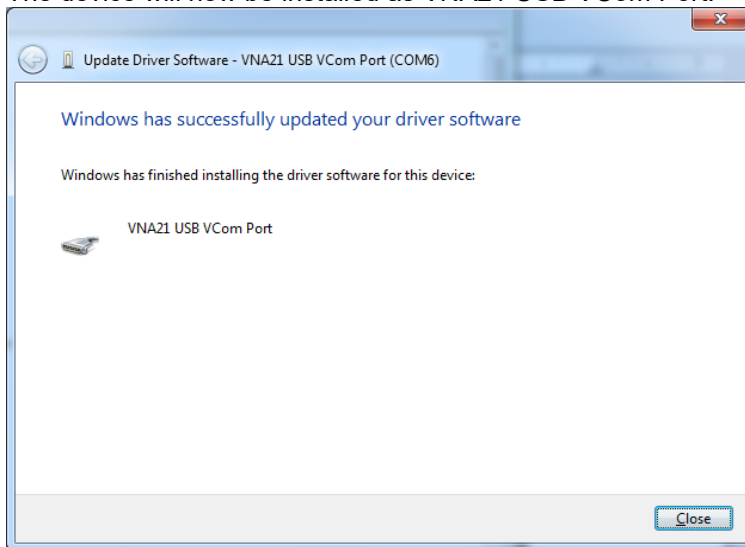


Now Select VNA21 USB VCom Port and click Next. The following warning will pop up:



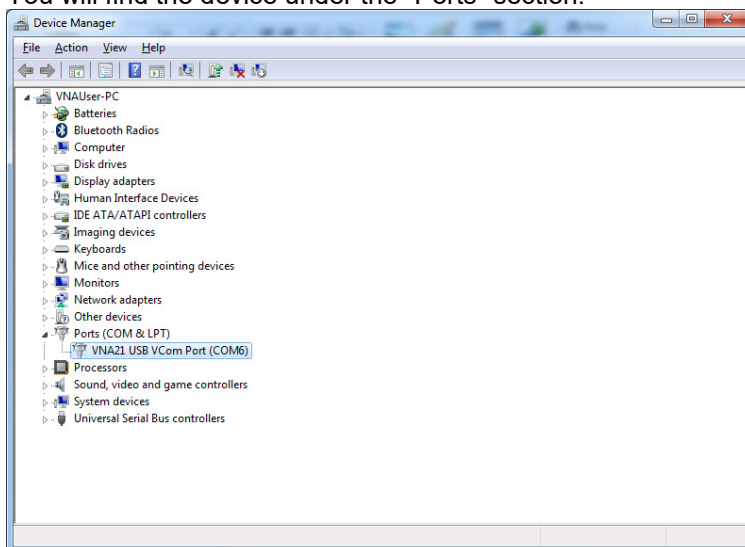
Click Install this driver software anyway.

The device will now be installed as VNA21 USB VCom Port:



Click Close.

You will find the device under the "Ports" section.



The driver setup is finished and the VNA is now ready to be used.

final check

Unplug the instrument USB and plug it back in the PC.
The PC should recognize the instrument now. Launch the VNA4 software from the desktop. The instrument is now ready for use.