Windows 8.1 x64 NoLand device driver installation error – signature test fails

When you first attempt to install the driver for our **AM43** on Windows 8.1 x64, you may get an error message "The hash for the file is not present in the specified catalog file. The file is likely corrupt or the victim of tampering". Then the installation process stops. Below is an example of the error box that will appear.

Update Driver Software -	
Windows encountered a problem installing t	he driver software for your device
Windows found driver software for your device but encou install it.	ntered an error while attempting to
<u>-</u>	
The hash for the file is not present in the specified catalog of tampering.	file. The file is likely compt or the victim
If you know the manufacturer of your device, you can visit section for driver software.	its website and check the support
	Quese

To solve this problem, you will have to turn off the Windows 8.1 checking of the driver's signatures.

1. Press **WindowsKey+C** to open Settings Panel. Click on **Settings** link.



2. When the Settings Control Panel appears, click on Change PC Settings link.

Change PC settings	ManD3x Network	100 Power	Unavailable
		Cha	nge PC settings

3. When the **Settings** list appears, click on **Update & recovery** link.

Search & apps	
Privacy Network	Corner navigation When I point to the upper-right corner, sh On
—	PC & devices > Corners & edges > Corne
Time & language	
Ease of Access	Choose AutoPlay defaul
	Memory card
Update & recovery	Take no action 🖌

4. When Update & Recovery list appears, click on Recovery link.



5. When **Recovery** options appear, look on the right column. Look for the **Advanced Setup** option. Click on **Restart**.

Advanced startup Start up from a device or disc (such as a USB drive or DVD), change Windows startup settings, or restore Windows from a system image. This will restart your PC. Restart now

6. Once your computer has rebooted, choose the **Troubleshoot** option.

Choo	ose an option
\rightarrow	Continue Exit and continue to Windows 8
I	Troubleshoot Refresh or reset your PC, or use advanced tools

7. Click on Advanced options.

	refresh it without losing your files
Ò.	Reset your PC If you want to remove all of your files, you can reset your PC completely
*=	Advanced options

8. Click on Startup Settings.



9. Since we are modifying the boot configuration settings, you will neet to **restart** your computer again.

Restart to change Windows options such as:

- · Enable low-resolution video mode
- · Enable debugging mode
- Enable boot logging
- Enable Safe Mode
- · Disable driver signature enforcement
- · Disable early-launch anti-malware protection
- · Disable automatic restart on system failure



10. You will be given a list of startup settings that you will be able to change. The one you want to select is "Disable driver signature enforcement". To choose this setting, you will need to press **F7**.



11. Your computer will reboot and you will not be able to install the drivers you need for our devices.

12. After computer is restarted, repeat the driver installation process. You may have to open the **Device Manager** and manually install your device's drivers. To open the **Device Manager**, move your mouse to the lower left corner, over the **Start Menu** charm.. Right click your mouse. A menu will appear. Choose **Device Manager**.



13. With the **Device Manager** opened and your NoLand device connected, locate the connected device. It will most likely be in the "**Other devices**" group, as shown below.

🔶 📰 🛛 🖬 🗖	
Win8-laptop	
Audio inputs and outputs	
Batteries	
D Bluetooth	
D M Computer	
Disk drives	
Display adapters	
Human Interface Devices	
DE ATA/ATAPI controllers	
Imaging devices	
Keyboards	
Mice and other pointing devices	
Monitors	
Network adapters	
Network Infrastructure Devices	
 Other devices 	
NoLand AM43 Multiplexer	
Portable Devices	
Print queues	
Processors	
Software devices	
Sound, video and game controllers	
Storage controllers	
Isystem devices	
Universal Serial Bus controllers	

14. Right click on NoLand device. When menu appears, choose "Update Driver Software...".



15. When window appears, click on "Browse my computer for driver software".



16. When the next window appears, you will need to **Browse** to the directory where your drivers are located. Click **Next** to continue. *Note: Make sure the file downloaded from the website has been unzipped or extracted.*



17. After the computer starts the driver installation process, the following Windows Security dialog pops up with a "Windows can't verify publisher of this driver software" warning. Choose "Install this driver software anyway".



18. When operation is successful, you will see the following dialog pop up.



19. To verify connection successful, you can check the **Device Manager**. Under the **Ports** heading, you should see the NoLand device's COM port listed. (see below) Another method of check if correct is to use any terminal program available. We have a terminal program called D-port on our website, which is free to download. With the NoLand device connected, you can send a query command "@?". If connected correctly, it will display the settings of the device connected.



NoLand Engine	ering Dport v3.201 Terminal Program	
Select COM port	@< @? AM42.1.12./1050	Choose Device: AM43 Auto Select
Baud Rate	HIGH baud 38400 IN1 baud 4800 OUT->TLK Disabled Error Report ON	Commands: Stop Data Help/Query Reset/Restart
38400 Data Mode Text	@< Stop Device @> Restart Device @? Query Configuration @B(0,1,2,3) HIGH Baud Rate Select: 0=4800, 1=9600, 2=19200, 3=38400 @I(0,1) IN1 Baud Rate Select: 0=4800, 1=9600	Error Report (INh/OUTh) Baud Input Baud OutTLK Switch
 Hexidecimal <u>About</u> 	@T(0,1) OUT -> TLK Switchover: 0=Enabled, 1=Disabled @E(0,1) Error reporting : 0=OFF, 1=ON Send Data	Send Command