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Title NPU USB Driver Install						
Author Benny Madsen	Date 2018-03-29	Conf.	Prel.	Document no. NE42 09001-01	Revision 3	Page 1 of 11

1. Introduction

This installation manual will help you install NPU USB drivers. This procedure is directed at the Windows 7 operating system. Installation to other Windows operating systems (10, 8.x, XP, Vista, 2003 or 2000) will follow the same general steps with minor differences. Dialogue windows may also look different from those below.

Note: If BitLocker is used, this must be temporarily disabled. Please see section 4.

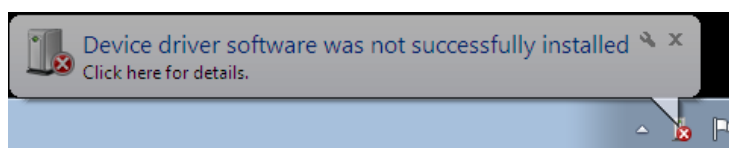
Note: To install on a 64-bit Windows 8.x, see details in sections 5 and/or 6 before proceeding with the driver installation. To install on Windows 10, see details in section 7 before proceeding with the driver installation.

2. Requirements

Operating system: Windows 10, 8.x, 7, Vista, XP, 2003, 2000. 32 and 64 bit.
One free USB port. Type 1.1, 2.0 or 3.0.

3. NPU device driver installation

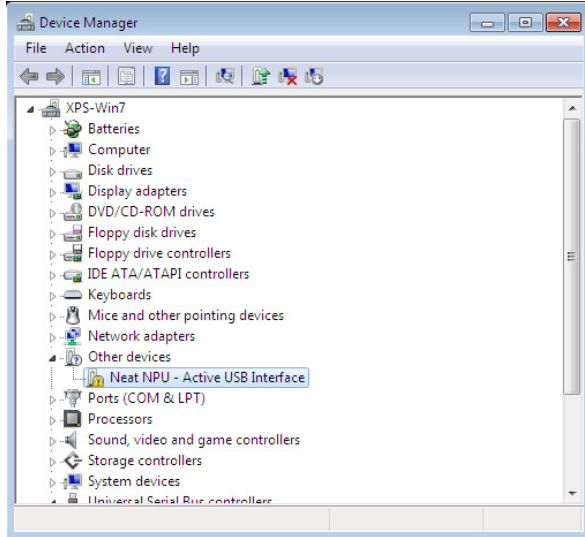
1. Connect enclosed AC/DC adaptor to mains outlet and cable plug to NPU port marked DC.
2. Connect enclosed USB cable to an open USB port of the PC.
3. Insert (if you have) the NPU USB driver CD or download and unpack the NPU USB drivers from <http://www.neat-group.com/se/en/downloads/> to your desktop.
4. Connect the other end of the USB cable to NPU port marked USB.



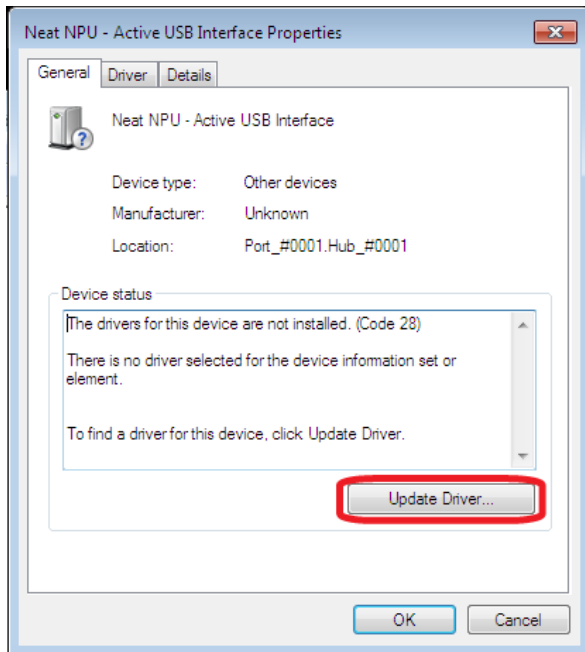
5. Windows should detect the NPU hardware. Above picture is displayed if the driver was not found. If so, then follow below steps 6-14.
6. Open Device Manager.
In Vista and Windows 7, click Start and type *devmgmt.msc* and hit enter.
In XP, click Start - Control panel – System. Hardware tab – Device Manager.



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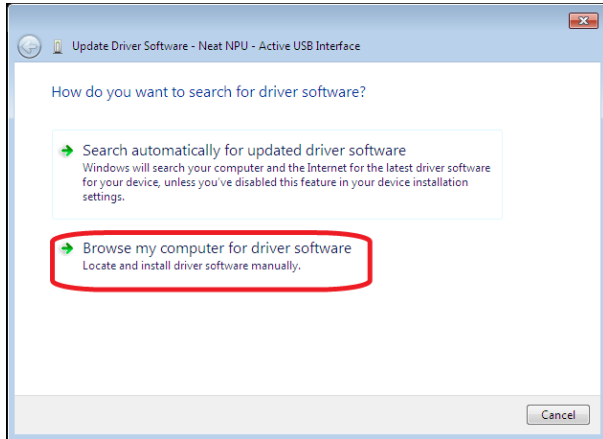
7. Double-click *NEAT NPU – Active USB Interface*



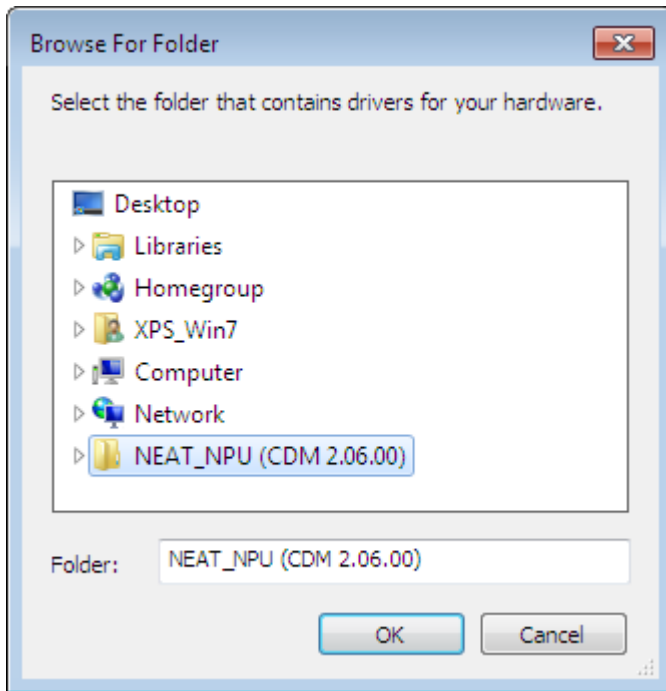
8. Click *Update Driver...*



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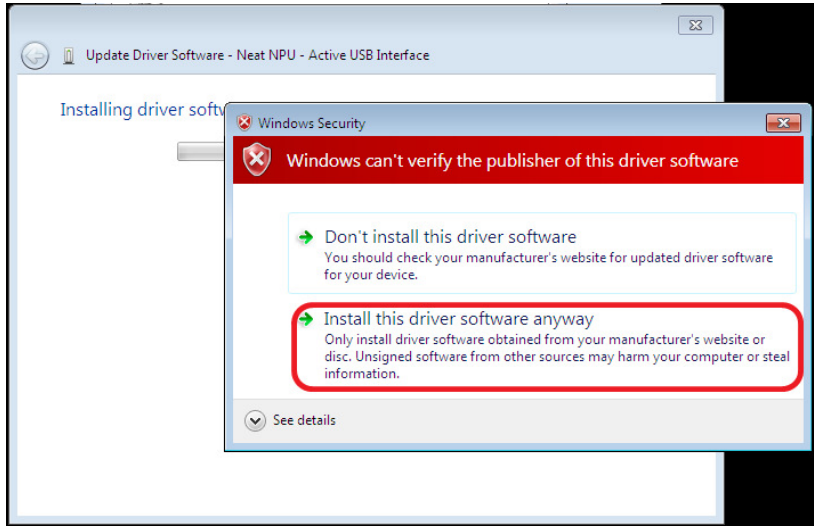
9. Click *Browse my computer for driver software*.



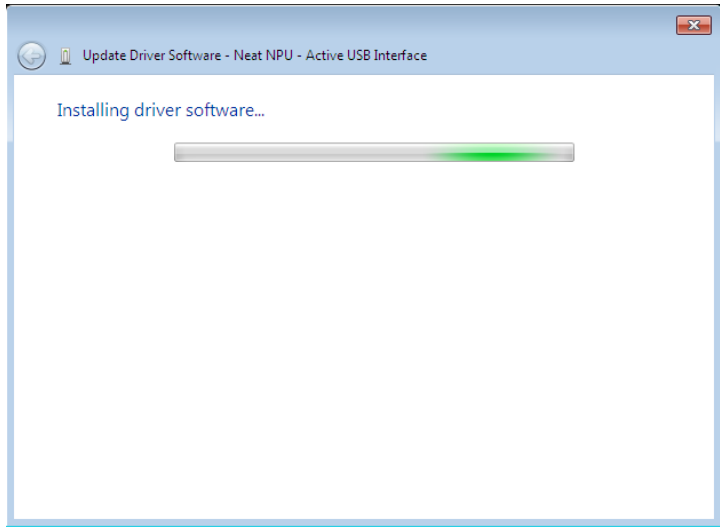
10. If the driver was downloaded and unpacked to the desktop, select that folder and Click OK.

If the CD was inserted at step 3, select the CD drive (often D:) and click OK.

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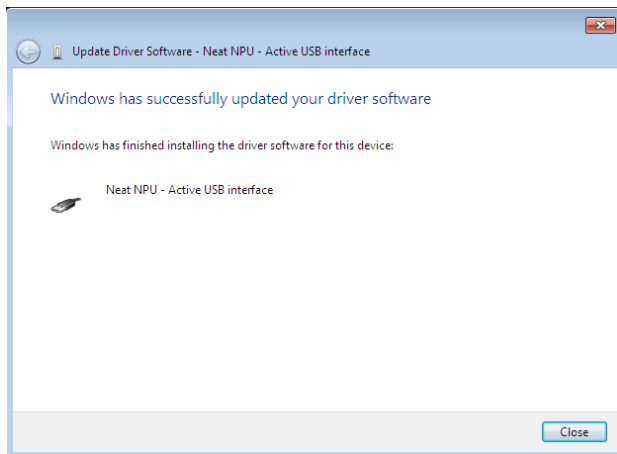
11. Click *Install this driver software anyway*.



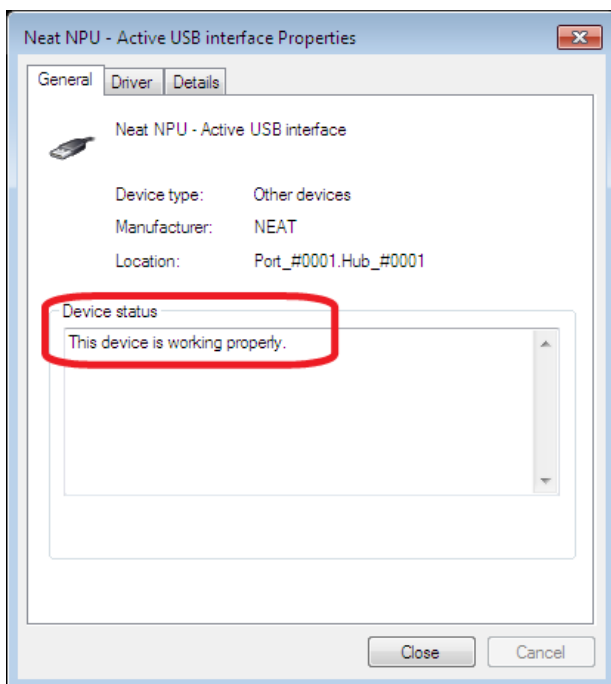
12. Wait for driver software to install.



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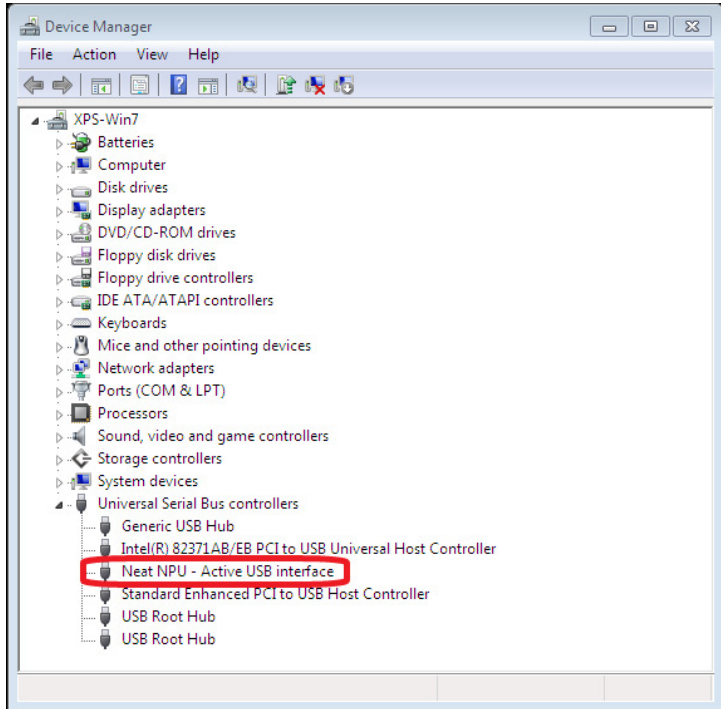
13. NPU USB drivers installed. Click *Close*.



14. Device status now shows that the device is working properly. Click *Close*.



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15. Device Manager now displays the Neat NPU device in Universal Serial Bus controllers section. Exit Device Manager.



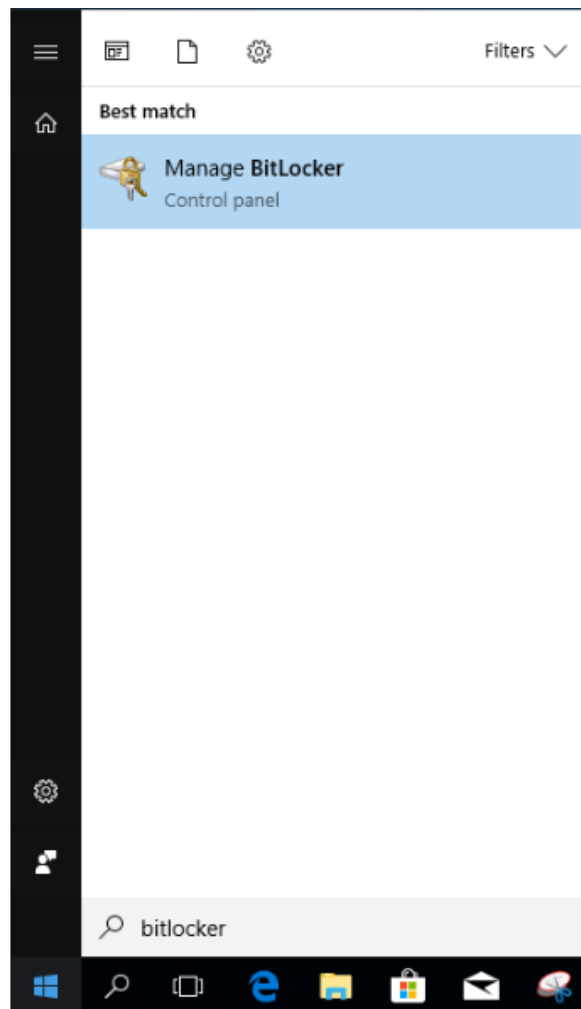
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4. Suspend BitLocker for Windows 8, 8.1 and 10

If BitLocker is used, this needs to be temporarily disabled before installing the NPU USB drivers.

From the Metro or Desktop

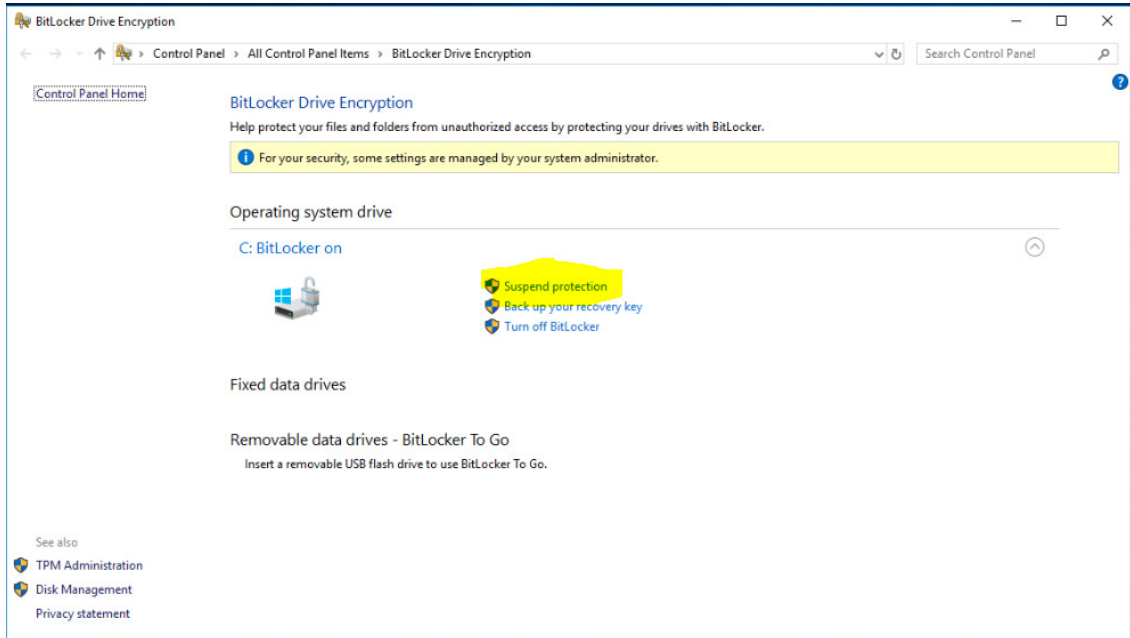
- Press the Windows key
- Search for *BitLocker*
- Select *Manage BitLocker*





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- Select *Suspend protection*



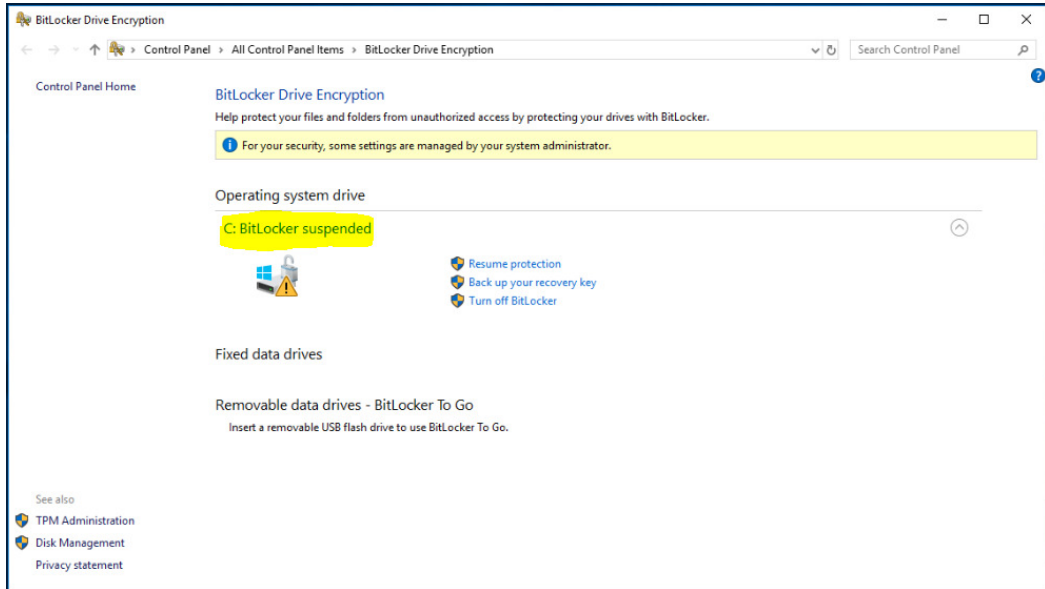
- Do you want to suspend BitLocker protection? Click Yes





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- Windows will indicate that BitLocker has been suspended



BitLocker is now temporarily disabled and allows install/update of unsigned NPU USB drivers during the windows session. When the computer is restarted, BitLocker is re-enabled.

Continue with the steps 5, 6 or 7 below to Disable DSE in your operating system.



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5. Disable DSE in 64-bit Windows 8

In a 64-bit Windows 8, the DSE (Driver Signature Enforcement) needs to be temporarily disabled before installing the NPU USB drivers.

From the Metro or Desktop

- Bring up Charms by mouseing over to the right of the screen
- Go to Settings
- Change PC Settings (in the very bottom)
- General
- Advanced Startup > Click "Restart Now"
- Troubleshoot > Advanced options
- Start-up settings > Restart (Click "Restart")
- "Startup Settings" are displayed
- Press key "7" or "F7" to "Disable driver signature enforcement"
- The computer reboots

The DSE is now temporarily disabled and allows install/update of unsigned NPU USB drivers during the windows session. When the computer is restarted, the DSE is re-enabled.

6. Disable DSE in 64-bit Windows 8.1

In a 64-bit Windows 8.1, the DSE (Driver Signature Enforcement) needs to be temporarily disabled before installing the NPU USB drivers.

From the Metro or Desktop

- Bring up Charms by mouseing over to the right of the screen
- Go to Settings
- Change PC Settings (in the very bottom)
- Update and recovery (in the very bottom)
- Recovery (in the very bottom)
- Click "Restart Now"
- Troubleshoot > Advanced options
- Start-up settings > Restart (Click "Restart")
- "Startup Settings" are displayed
- Press key "7" or "F7" to "Disable driver signature enforcement"
- The computer reboots

The DSE is now temporarily disabled and allows install/update of unsigned NPU USB drivers during the windows session. When the computer is restarted, the DSE is re-enabled.



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7. Disable DSE in Windows 10

In Windows 10, the DSE (Driver Signature Enforcement) needs to be temporarily disabled before installing the NPU USB drivers.

- Press the Windows key
- Click Power
- Hold down the shift key while clicking Restart
- Click Troubleshoot
- Click Advanced options
- Click Start-up settings
- Click Restart
- “Startup Settings” are displayed
- Press key “7” or “F7” to “Disable driver signature enforcement”
- The computer reboots

The DSE is now temporarily disabled and allows install/update of unsigned NPU USB drivers during the windows session. When the computer is restarted, the DSE is re-enabled.