neat ELECTRONICS				Type of document Installation manual				
			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 <u>http://www.neat-group.com/se/en/downloads/</u> 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.

		Type of document Installation manual				
	511(01)			NPU USB Driver Ins	tall	
Author Benny Madsen	Date 2018-03-29	Conf.	Prel.	Document no. NE42 09001-01	Revision 3	Page 2 of 11



7. Double-click NEAT NPU - Active USB Interface



8. Click Update Driver ...

neat ELECTRONICS		Type of document Installation manual				
				NPU USB Driver Ins	stall	
Author Benny Madsen	Date 2018-03-29	Conf.	Prel.	Document no. NE42 09001-01	Revision 3	Page 3 of 11



9. Click Browse my computer for driver software.

Browse For Folder
Select the folder that contains drivers for your hardware.
Nesktop
b a Libraries
D 🔣 Homegroup
▷ 🥦 XPS_Win7
▷ 🖳 Computer
▷ 🗣 Network
▶ ▶ NEAT_NPU (CDM 2.06.00)
Folder: NEAT_NPU (CDM 2.06.00)
OK Cancel

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.

neat FLF	FLECTRONICS			Type of document Installation manual				
		Title NPU USB Driver Install						
Author Benny Madsen	Date 2018-03-29	Conf.	Prel.	Document no. NE42 09001-01	Revision 3	Page 4 of 11		



11. Click Install this driver software anyway.

Update Driver Software - Neat NPU - Active USB Interface	×
Installing driver software	

12. Wait for driver software to install.

neat ELE	TRON			Type of document Installation manual				
		Title NPU USB Driver Install						
Author Benny Madsen	Date 2018-03-29	Conf.	Prel.	Document no. NE42 09001-01	Revision 3	Page 5 of 11		



13. NPU USB drivers installed. Click Close.

Neat NPU - Active USB interface Properties	<b>—</b>
General Driver Details	
Neat NPU - Active USB interface	
Device type: Other devices	
Location: Port_#0001.Hub	_#0001
Device status This device is working properly.	•
	Close Cancel

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

neat ELECTRONICS		Type of document Installation manual				
	511(01)			NPU USB Driver Ins	tall	
Author Benny Madsen	Date 2018-03-29	Conf.	Prel.	Document no. NE42 09001-01	Revision 3	Page 6 of 11



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

			Type of document Installation manual			
		NPU USB Driver Install				
Author Benny Madsen	Date 2018-03-29	Conf.	Prel.	Document no. NE42 09001-01	Revision 3	Page 7 of 11

# 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





2018-03-29

Type of document Installation manual						
Title NPU USB Driver Install						
Document no. NE42 09001-01	Revision 3	Page 8 of 11				

# • Select Suspend protection

Benny Madsen

-	BitLocker Drive Encryption				-	×
	- 🔿 🔹 🛧 🏘 > Control Pane	All Control Panel Items > BitLocker Drive Encryption	ڻ ~	Search Contro	ol Panel	P
	Control Panel Home	BitLocker Drive Encryption Help protect your files and folders from unauthorized access by protecting your drives with BitLocker.				0
		For your security, some settings are managed by your system administrator.				
		Operating system drive				
		C: BitLocker on			$\odot$	
		Fixed data drives				
		Removable data drives - BitLocker To Go Insert a removable USB flash drive to use BitLocker To Go.				
•	See also TPM Administration Disk Management Privacy statement					

• Do you want to suspend BitLocker protection? Click Yes



neat ELECTRONICS				Type of document Installation manual			
				Title NPU USB Driver Install			
Author Benny Madsen	Date 2018-03-29	Conf.	Prel.	Document no. NE42 09001-01	Revision 3	Page 9 of 11	

• 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.



Author Bennv

FLECTRONICS				Installation manual			
				<sup>Title</sup> NPU USB Driver Install			
Madsen	Date 2018-03-29	Conf.	Prel.	Document no. NE42 09001-01	Revision 3	Page 10 of 11	

Type of document

# 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 ٠
- 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) ٠
- Update and recovery (in the very bottom)
- Recovery (in the very bottom)
- Click "Restart Now"
- Troubleshoot > Advanced options •
- Start-up settings > Restart (Click "Restart") ٠
- "Startup Settings" are displayed ٠
- 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.



neat ELE(					Installation manual			
	511(01)			Title NPU USB Driver Install				
Author Benny Madsen	Date 2018-03-29	Conf.	Prel.	Document no. NE42 09001-01	Revision 3	Page 11 of 11		

Type of document

# 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 ٠
- Press key "7" or "F7" to "Disable driver signature enforcement" ٠
- 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.

Microsoft Windows 2000, Windows 2003, Windows XP, Windows Vista, Windows 7, Windows 8.x and Windows 10 are either registered trademarks or trademarks of Microsoft Corporation.