

**MCS7830  
USB2.0 to High Speed Ethernet Adapter**

**User Manual  
For Windows Vista 32-bit and Vista 64-bit**

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**1. Driver installation for Windows Vista 32-bit:**

Download the MCS7830driver from Moschip Website at:  
[http://www.moschip.com/html/download\\_drivers.html](http://www.moschip.com/html/download_drivers.html). The driver disk consists of Setup.exe, Uninst.exe and related folders containing installation files.

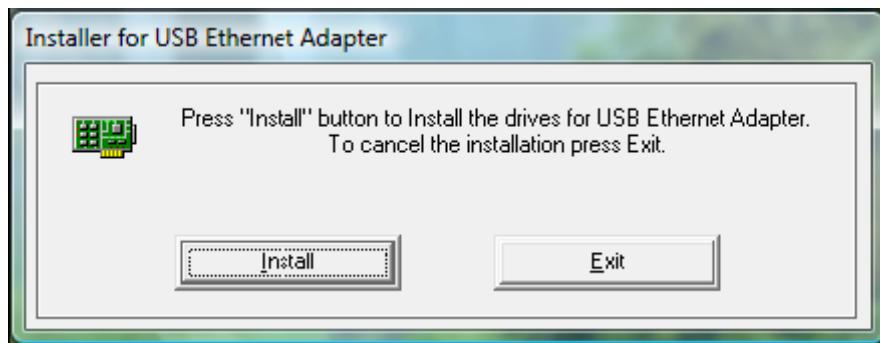
Use “Setup.exe” utility to install the driver. Double click on Setup.exe to start the installation process. Make sure that the User installing the driver must be a member of the Administrator group on the system

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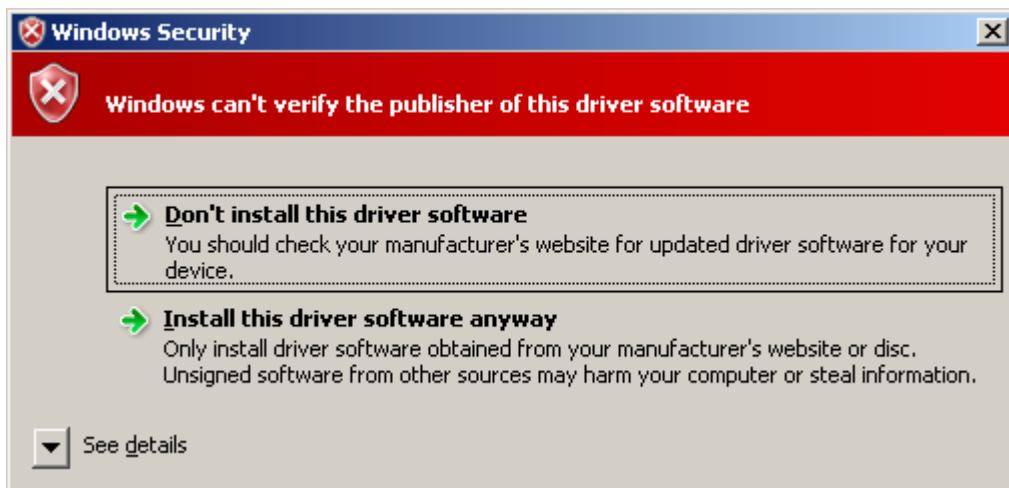
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You will get a “User Account Control” window saying “*An unidentified program wants access to your computer*”. Click on *Allow* to continue installing the Driver.

You will get an installation window and press “Install” button to install the drivers for High-Speed USB Ethernet adapter



During the installation process, a “Windows Security” warning message pops up informing that “*Windows cannot verify the publisher of this driver software*”. Ignore the warning message by clicking on the option “*install this driver software anyway*”.



You will get the above message two times and you have to select “*install this driver software anyway*”.

The utility displays a message stating “Installation completed”. Use “Exit” button to complete the driver installation.

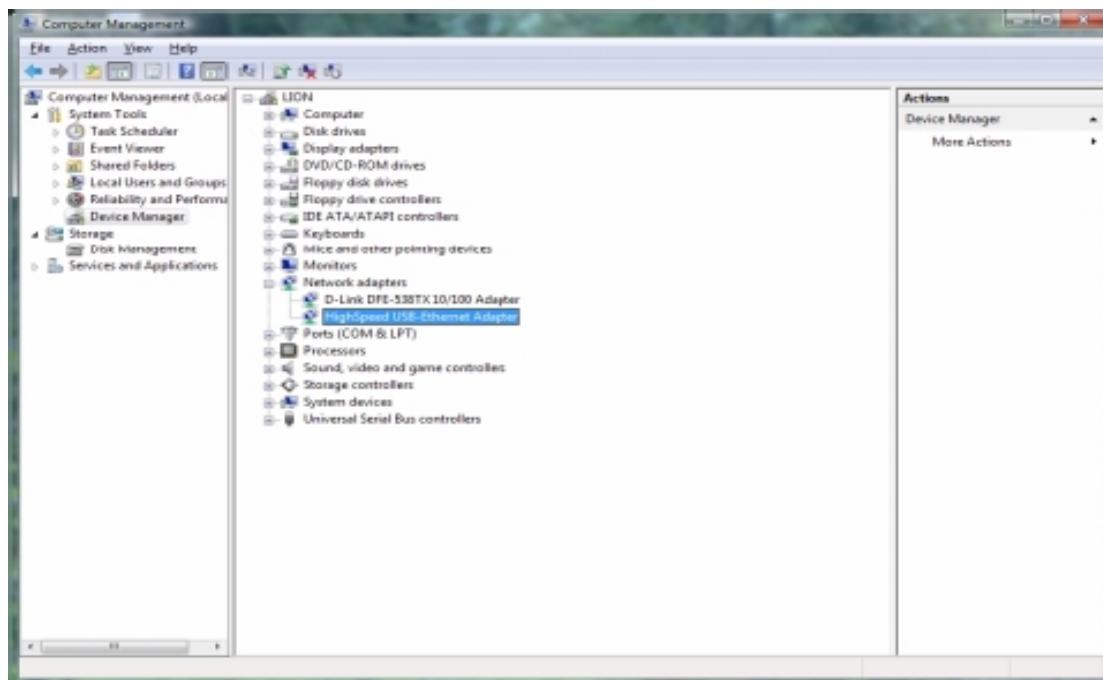
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### **2. MCS7830 Device Installation & Detection:**

Connect MCS7830 to the USB Host controller of the PC using a USB cable. The first time you plug-in the cable into the USB port, Windows will start installing the device driver software. You can see the installation status at the pop-up message of system tray. After installation, the pop-up message says “*Your devices are ready to use*”, *Device driver software installed successfully*.

MCS7830 device detection can be confirmed by checking at the Device manager. Check for “*MosChip High-Speed USB Ethernet Adapter*” under *Network adapters*.



Now the MCS7830 device is ready to use.

### **3. Uninstalling MCS7830 Device & Drivers:**

There are 3 methods to uninstall the driver for MCS7830

#### **Method 1:**

Use “Uninst.exe” to uninstall the MCS7830 device driver from your PC. Double click on *Uninst.exe* to run the uninstaller. You will get a “User Account Control” window saying

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*“An unidentified program wants access to your computer”.* Click on *Allow* to continue uninstalling the driver.

When Uninstaller prompts for confirmation click on **OK**

After uninstalling the driver, where you need to use the exit button to complete the uninstall process.



No need to restart the PC, unless prompted by the OS.

### **Method 2:**

The driver can also be uninstalled through Control Panel → Programs and Features -> Select “*MosChip High-Speed USB Ethernet adapter*” from list and then click *Uninstall*. This will remove the MCS7830 device driver from your PC

### **Method 3:**

The MCS7830 device driver can also be uninstalled through “Device Manager” as well. Go to Device Manager, Select *MosChip High-Speed USB MultiSerial Compound Device* from the “Network adapters”, Right Click on it, Select “Uninstall”

When prompted to confirm device uninstall, check the option “Delete the driver software for this device” and click on **OK**.

If you want to uninstall only the device, but retain the software driver for this device, just click on **OK** without selecting the option “*Delete the driver software for this device*”.

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### **4. Driver Installation in Windows Vista 64-bit:**

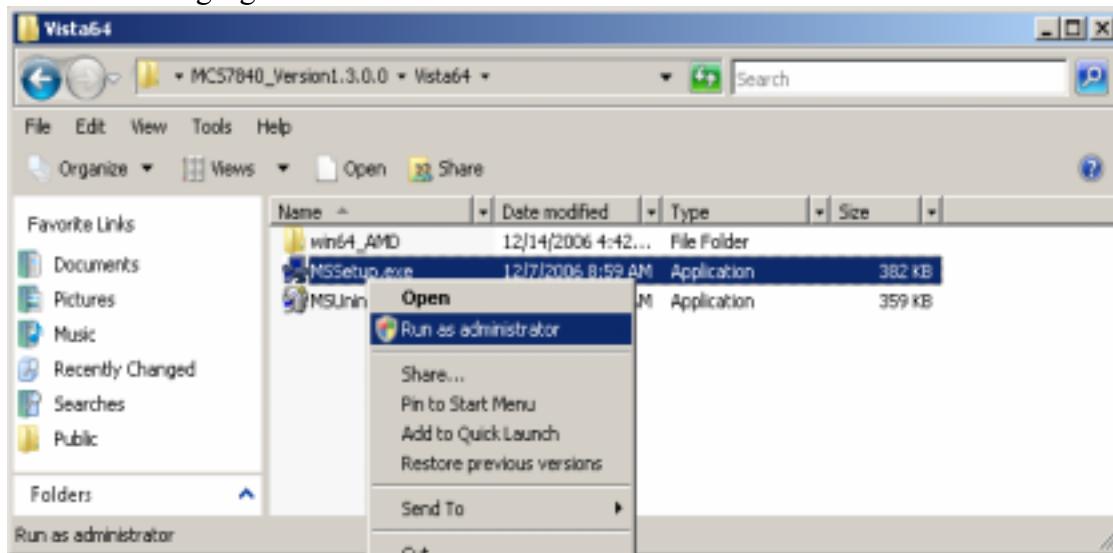
The 64-bit version of Windows Vista is the first version of Windows that will only allow signed drivers and this restriction is built-in. Currently, MCS7830 drivers are unsigned. Till we get signed drivers, we request you to follow some prerequisites before installing the driver.

#### **4.1 Preparing Vista 64-bit for Driver installation:**

- **Using the F8 option:** Press F8 key on your keyboard while booting your PC. You will get into “Advanced Boot Options”. Select “Disable Driver Signature Enforcement”.
- An F8 Advanced Boot Option introduced with Windows Vista—“Disable Driver Signature Enforcement”—is available to disable the kernel-signing enforcement only for the current boot session. This setting does not persist across boot sessions.  
*Note: Make sure to use F8 option every time you boot/reboot your PC before start working with MCS7830*
- Make sure that the User installing the driver must be a member of the Administrator group on the system.

#### **4.2 Installing the Driver in Windows Vista 64-bit:**

Before running the installer (Setup.exe) or uninstaller (Uninst.exe) utility of MCS7830, right click on them and select “Run as administrator”. The same is shown in the following figure.





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**Note:** Running the setup utilities as administrator is required, as “User Account Control (UAC) is enabled by default in Windows Vista, which does not allow the user to make changes to OS components. If UAC is disabled, you can install the driver without running the setup utilities as an administrator.

The UAC can be turned ON/OFF at Control Panel -> User Accounts -> Click on “Turn User Account Control on or off” -> Here you can disable/enable the UAC.

**The remaining install/uninstall procedure of Vista 64-bit is same as Windows Vista 32-bit, as explained above.**

### **5. Support:**

Queries, Technical questions if any can be sent to [techsupport@moschip.com](mailto:techsupport@moschip.com) or [support@moschip.com](mailto:support@moschip.com).

### **6. Revision History:**

Version	Initiated By	Change Details	Date
1.0	Rajendra	Initial Release	22 <sup>nd</sup> Dec, 2006

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.