



User's Guide

TU3-H2EC
1.01

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FCC Conditions

This equipment has been tested and found to comply with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference
- (2) This device must accept any interference received. Including interference that may cause undesired operation.

Important! Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment. Use an approved phone set.

CE

This equipment is in compliance with the requirements of the following regulations: EN 55 022: CLASS B



ABOUT THIS MANUAL

This manual is designed for use with the 5Gbps USB 3.0 PCI Express Adapter. Information in this document has been carefully checked for accuracy; however, no guarantee is given to the correctness of the contents. The information in this document is subject to change without notice. The manufacturer does not make any representations or warranties (implied or otherwise) regarding the accuracy and completeness of this document and shall in no event be liable for any loss of profit or any commercial damage, including but not limited to special, incidental, consequential, or other damage.

SAFETY INSTRUCTIONS

- Always read the safety instructions carefully:
- Keep this User's Manual for future reference.
- Keep this equipment away from humidity.
- If any of the following situations arises, get the equipment checked by a service technician:
 - The equipment has been exposed to moisture.
 - The equipment has been dropped and damaged.
 - The equipment has obvious sign of breakage.
 - The equipment has not been working well or you cannot get it to work according to the User's Manual.

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Introduction

The 5Gbps USB 3.0 PCI Express Adapter, model TU3-H2EC, adds two super speed 5Gbps USB 3.0 ports to a tower computer.

Transfer content from USB 3.0 storage enclosures, flash drives, and camcorders at 5Gbps speeds—10 times faster than USB 2.0.

Plug the adapter into any available PCI Express port on a Window's based tower computer. A 4-pin power port connects to an internal power supply and provides full power to all connected USB 3.0 devices. Backward compatibility allows users to connect USB 2.0 devices to the USB 3.0 ports. Transfer large files in no time with two super speed 5Gbps USB 3.0 ports.

Features

- 2 x USB 3.0 type A ports
- Compatible with laptop computer ExpressCard slots
- Backwards compatible with USB 2.0 and USB 1.1 devices
- ExpressCard Standard Release 1.0
- External power adapter fully powers connected USB devices
- Support all USB speeds:1.0, 1.1, 2.0, 3.0
- Compatible with Windows 7, Vista, and XP
- Plug and Play support

Package Contents

- TU3-H2EC
- Multi-Language Quick Installation Guide
- CD-ROM (Drivers)
- *Power adapter (5V DC, 2.5A)

*The Power Adapter is recommended to use for high power consumption devices.

System Requirements

- Express Card/34 or Express Card / 54 slot
- CD-ROM Drive
- USB 3.0 Cable
- CPU: 1GHz or above (Windows 7) / 800MHz or above (Windows Vista) / 300Mhz or above (Windows XP)
- Memory: 1GHz RAM or above (Windows 7) / 512MB RAM or above (Windows Vista) / 256MB RAM or above (Windows XP)
- Windows 7(32/64-bit) / Vista(32/64-bit) / XP(32/64-bit)

Installation

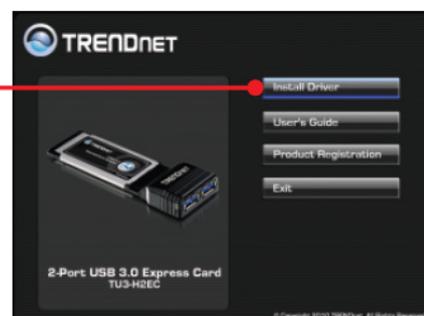
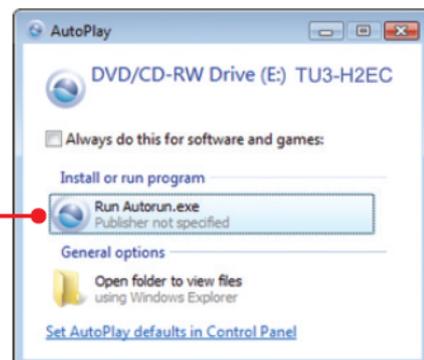
Important!

Do not insert the TU3-H2EC in the computer until instructed to do so.

1. Insert the **Driver CD-ROM** into your CD-ROM drive.

2. Click **Autorun.exe** (Windows 7/Vista only).

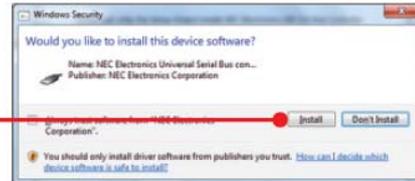
3. Click **Install Driver**.



4. Click **Next**. Then follow the **InstallShield Wizard** instructions.



5. Click **Install**.



6. Click **Continue Anyway** (Windows XP only).



7. Click **Finish**.



Note: Please refer to your computer's user manual regarding hardware installation.

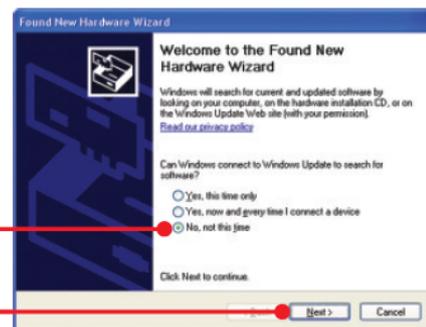
8. Shutdown your computer.

9. Insert the TU3-H2EC card firmly into an available Express card slot, and then turn **ON** the computer and wait until the Windows desktop appears.

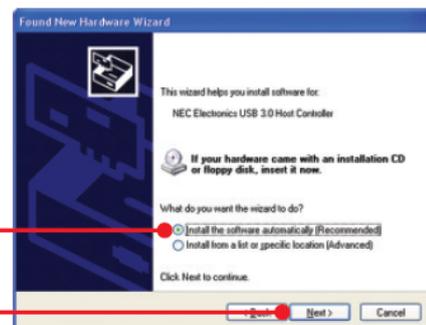


Note: For Windows 7/Vista, drivers will install automatically. Please skip to step 15. For Windows XP, continue on to step 10.

10. The Found New Hardware Wizard appears. Select **No, not this time** and then click **Next**.



11. Select **Install this software automatically** (recommended) and then click **Next**.



12. Click **Continue Anyway**.



13. Click **Finish**.



14. Repeat steps 10-13 to complete the installation of the TU3-H2EC.

15. Connect your USB device to one of the USB ports on the TU3-H2EC.



Specification

Hardware	
Interface	USB 3.0 ExpressCard Standard Release 1.0
Ports	2 x USB 3.0 port 1 x power port
Supported OS	Windows 7 (32/64-bit), Vista (32/64-bit), XP (32/64-bit)
Data Rate	Super speed: 5Gbps (USB 3.0) High speed: 480Mbps (USB 2.0) Full speed: 12Mbps (USB 1.1) Low speed: 1.5Mbps (USB 1.0)
Power Consumption	100mA (max) per port, bus-power 900mA (max) per port, external power adapter
Power	5V DC, 2.5A external power adapter
Dimensions (L x W x D)	114 x 54 x 12 mm (4.4 x 2.1 x 0.5 in.)
Weight	45 g (1.6 oz.)
Temperature	5°C ~ 40°C (41°F ~ 104°F)
Humidity	90% (non-condensing)
Certifications	CE, FCC

Limited Warranty

TRENDnet warrants its products against defects in material and workmanship, under normal use and service, for the following lengths of time from the date of purchase.

TU3-H2EC – 2 Years Warranty

AC/DC Power Adapter, Cooling Fan, and Power Supply carry 1 year warranty.

If a product does not operate as warranted during the applicable warranty period, TRENDnet shall reserve the right, at its expense, to repair or replace the defective product or part and deliver an equivalent product or part to the customer. The repair/replacement unit's warranty continues from the original date of purchase. All products that are replaced become the property of TRENDnet. Replacement products may be new or reconditioned. TRENDnet does not issue refunds or credit. Please contact the point-of-purchase for their return policies.

TRENDnet shall not be responsible for any software, firmware, information, or memory data of customer contained in, stored on, or integrated with any products returned to TRENDnet pursuant to any warranty.

There are no user serviceable parts inside the product. Do not remove or attempt to service the product by any unauthorized service center. This warranty is voided if (i) the product has been modified or repaired by any unauthorized service center, (ii) the product was subject to accident, abuse, or improper use (iii) the product was subject to conditions more severe than those specified in the manual.

Warranty service may be obtained by contacting TRENDnet within the applicable warranty period and providing a copy of the dated proof of the purchase. Upon proper submission of required documentation a Return Material Authorization (RMA) number will be issued. An RMA number is required in order to initiate warranty service support for all TRENDnet products. Products that are sent to TRENDnet for RMA service must have the RMA number marked on the outside of return packages and sent to TRENDnet prepaid, insured and packaged

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Governing Law: This Limited Warranty shall be governed by the laws of the state of California.



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Product Warranty Registration

Please take a moment to register your product online.
Go to TRENDnet's website at <http://www.trendnet.com/register>