

# User's Manual

## USB 3.0 ExpressCard Adapter



**TS-PNU3**

(Version 1.2)



# Table of Contents

<b>Introduction</b>   .....	<b>1</b>
<b>Package Contents</b>   .....	<b>1</b>
<b>Features</b>   .....	<b>2</b>
<b>System Requirements</b>   .....	<b>2</b>
<b>Safety Precautions</b>   .....	<b>3</b>
■ <b>General Use</b> .....	<b>3</b>
■ <b>Transferring Data</b> .....	<b>3</b>
■ <b>Power</b> .....	<b>3</b>
<b>Product Overview</b>   .....	<b>4</b>
<b>Hardware Installation</b>   .....	<b>5</b>
<b>Driver Installation</b>   .....	<b>6</b>
<b>Troubleshooting</b>   .....	<b>6</b>
<b>Specifications</b>   .....	<b>7</b>
<b>Ordering Information</b>   .....	<b>7</b>
<b>Transcend Limited Warranty</b>   .....	<b>8</b>

## Introduction |

Congratulations on purchasing **Transcend's USB 3.0 ExpressCard Adapter**. This easy-to-install card allows you to add revolutionary new USB 3.0 ports to any laptop with a PCI Express slot. Its ExpressCard/34 interface is compatible with virtually all current notebook computers, and guarantees unrestricted two-way communication between your PC and any USB devices you plug into the adapter. With two SuperSpeed USB 3.0 ports offering bandwidth up to 5Gbits per second, Transcend's USB 3.0 ExpressCard Adapter is ideal for use with new USB 3.0 high-capacity external storage devices. This User's Manual is designed to help you install and use your new USB 3.0 ExpressCard Adapter.

## Package Contents |

The **USB 3.0 ExpressCard Adapter** package includes the following items:

- USB 3.0 ExpressCard Adapter



- USB Power Cable



- Quick Installation Guide



## Features |

- Add USB 3.0 compatibility to any laptop with an ExpressCard/34 slot
- Connection bandwidth up to 5Gbits per second (in USB 3.0 mode)
- Backwards compatible with USB 2.0 and USB 1.1 devices
- Efficient power management to help save battery life
- Unrestricted simultaneous two-way data transfer
- Supports Plug and Play and hot swapping
- Two SuperSpeed USB 3.0 ports
- xHCI compliant

## System Requirements |

One of following operating systems:

- Windows® XP
- Windows® Vista
- Windows® 7

## Safety Precautions |

These usage and safety guidelines are **IMPORTANT!** Please follow them carefully.

### ■ General Use

- To prevent damage caused by electrostatic discharge (ESD), always touch a grounded or large metal object before handling the USB 3.0 ExpressCard Adapter.
- During operation, avoid exposing the card to extreme temperatures above 70°C(158°F), or below 0°C(32°F).
- Do not allow the card to come in contact with water or any other liquids.
- Do not store the USB 3.0 ExpressCard Adapter in any of the following environments:
  - Direct sunlight
  - Next to an air conditioner, electric heater or other heat sources
  - In a closed car that is in direct sunlight

### ■ Transferring Data

- **Transcend does NOT take any responsibility for data loss or damage during operation.** We strongly advise that you regularly create backups of important data in multiple locations and on different storage mediums.
- To ensure Super-Speed 5Gb/s data transfer rates when connecting a USB 3.0 storage device, please make sure the USB 3.0 ExpressCard Adapter drivers are correctly installed. Please refer to the *driver installation* section of this manual.

### ■ Power

- The power provided by your computer's ExpressCard/34 slot might be insufficient to power devices with high power consumption, such as 2.5" external hard drives. Always connect the USB Power Cable to USB 3.0 ExpressCard Adapter when connecting any device with high USB power consumption.



**To ensure proper functionality of USB-powered devices, always be sure to connect the USB Power Cable to the USB 3.0 Express Card.**

Product Overview |



**A** Two USB 3.0 Ports

**B** DC Power Input

## Hardware Installation |

1. Plug the USB 3.0 Adapter (curved side up) into your notebook's ExpressCard/34 slot. Ensure that the card is fully inserted into the slot.



**Note:** Some notebooks have ExpressCard/54 slots, which are also compatible with ExpressCard/34 devices. Please consult the owner's manual of your notebook for details

2. Connect the included USB Power Cable to the USB 3.0 ExpressCard Adapter and to one of your notebook's USB ports.



### **WARNING**

1. Disconnect all USB devices from the USB 3.0 ExpressCard Adapter before plugging in the Power Cable.
2. To ensure proper functionality of USB-powered devices, always be sure to connect the USB Power Cable to the USB 3.0 ExpressCard Adapter.
3. Do NOT use a power cable other than the one provided with Transcend USB 3.0 ExpressCard Adapter.

3. Install the driver (see [Driver Installation](#) below).
4. Plug a USB device into one of the USB 3.0 ExpressCard Adapter's ports. Your computer should automatically detect the USB device.



## Driver Installation |

1. Go to **www.transcend-info.com/downloads**. Use the drop-down menus to locate your product or enter its model number in the Search field.
2. Download the Device Driver, then unzip it and double-click the EXE file to install it on your computer.
3. Restart your system.

## Troubleshooting |

If a problem occurs with your USB 3.0 ExpressCard Adapter, please first check the information listed below before taking the card in for repair. If you are unable to remedy a problem after trying the following suggestions, please consult your dealer, service center, or local Transcend branch office. We also have FAQ and Support services on our website.

### ■ **USB 3.0 devices cannot be recognized**

Check the following:

1. Is your USB 3.0 ExpressCard Adapter properly plugged into the ExpressCard/34 slot? If not, unplug it and plug it in again. Try plugging the USB 3.0 ExpressCard Adapter into another ExpressCard/34 (or ExpressCard/54) slot, if available.
2. Ensure that the driver has been installed successfully.
3. Is the ExpressCard/34 slot disabled in the BIOS settings? Please see your notebook's user manual for instructions on how to enter the BIOS and enable its ExpressCard/34 slot.
4. Have you attached the USB Power Cable? Ensure that you have securely connected the USB Power Cable to the Adapter and to your computer's USB port.



**To ensure proper functionality of USB-powered devices, always be sure to connect the USB Power Cable to the USB3.0 ExpressCard Adapter.**

5. Ensure that your computer BIOS has been updated to the latest version.

### ■ **My computer cannot power on**

Check the following:

1. Ensure that the USB 3.0 ExpressCard Adapter is properly connected to the ExpressCard/34 slot on your notebook. Try unplugging the adapter and reconnecting it.
2. Ensure that computer's boot drive (HDD) is connected properly.
3. USB devices can sometimes cause conflicts that can prevent your computer from turning on. Try unplugging USB devices from the USB ports on your computer or the USB 3.0 ExpressCard Adapter.

# USB 3.0 ExpressCard Adapter

## Specifications |

<b>Dimensions</b>	116mm (L) × 40mm (W) × 14mm (H)
<b>Weight</b>	30g
<b>USB Bus Power Output</b>	5V, 900mA max total output (with USB Power Cable)
<b>PC Interface</b>	ExpressCard/34
<b>USB Ports:</b>	Two (supports USB 1.1 / 2.0 / 3.0)
<b>Connection Bandwidth</b>	Up to 5Gbits per second
<b>Operating Temperature</b>	0°C (32°F) to 70°C (158°F)
<b>Supported Operating Systems</b>	Windows® 7, Vista, XP
<b>Certificates</b>	CE, FCC, BSMI
<b>Warranty</b>	2 Years Limited

## Ordering Information |

<i>Device Description</i>	<i>Transcend P/N</i>
<b>USB 3.0 ExpressCard Adapter (ExpressCard/34)</b>	TS-PNU3
<b>USB 3.0 Expansion Card (PCI Express)</b>	TS-PDU3
<b>USB 3.0 &amp; SATA-III Expansion Card (PCI Express)</b>	TS-PDC3

## Transcend Limited Warranty |

“Above and Beyond” is the standard we set ourselves for customer service at Transcend. We consistently position ourselves to be significantly above the industry norm, which is all part of our commitment to Customer Satisfaction.

**Please do not break or remove the warranty sticker on your Transcend product, as this will void your product warranty.**

All **Transcend information, Inc. (Transcend)** products are warranted and tested to be free from defects in material and workmanship and to conform to the published specifications. During the warranty period should your Transcend **USB 3.0 ExpressCard Adapter** fail under normal use in the recommended environment due to improper workmanship or materials, Transcend will repair the product or replace it with a comparable one. This warranty is subject to the conditions and limitations set forth herein.

**Duration of Warranty:** The Transcend **USB 3.0 ExpressCard Adapter** is covered by this warranty for a period of two (2) years from the date of purchase. Proof of purchase including the date of purchase is required to collect on the warranty. Transcend will inspect the product and decide whether to repair or replace it. Transcend reserves the right to provide a functional equivalent product, or a refurbished replacement product.

**Limitations:** This warranty does not apply to product failure caused by accidents, abuse, mishandling, improper installation, alteration, acts of nature, improper usage, or problems with electrical power. In addition, opening or tampering with the product casing, or any physical damage, abuse or alteration to the product's surface, including all warranty or quality stickers, product serial or electronic numbers will also void the product warranty. Transcend is not responsible for recovering any data lost due to the failure of a hard drive device. Transcend's **USB 3.0 ExpressCard Adapter** must be used with devices that conform to the recommended industry standards. Transcend will not be liable for damages resulting from a third party device that causes the Transcend **USB 3.0 ExpressCard Adapter** to fail. Transcend shall in no event be liable for any consequential, indirect, or incidental damages, lost profits, lost business investments, lost goodwill, or interference with business relationships as a result of lost data. Transcend is also not responsible for damage or failure of any third party equipment, even if Transcend has been advised of the possibility. This limitation does not apply to the extent that it is illegal or unenforceable under applicable law.

**Disclaimer:** The foregoing limited warranty is exclusive. There are no other warranties, including any implied warranty of merchantability or fitness for a particular purpose. This warranty is not affected in any part by Transcend providing technical support or advice.

**Online Registration:** To expedite the warranty service, please register your Transcend Product within 30 days of purchase.

**Register online at** [www.transcend-info.com/register](http://www.transcend-info.com/register)

\* The specifications mentioned above are subject to change without notice.



**Transcend Information, Inc.**

[www.transcend-info.com](http://www.transcend-info.com)

\*The Transcend logo is a registered trademark of Transcend Information, Inc.

\*All logos and marks are trademarks of their respective companies.