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› Zopsc FireWire Video Capture PCIe Card (Model Zopsc3gu8c0a46y) User Manual

Zopsc Zopsc3gu8c0a46y

Zopsc FireWire Video Capture PCIe Card User Manual

Model: Zopsc3gu8c0a46y

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Zopsc FireWire Video Capture PCIe Card. This IEEE 1394a controller is designed to expand your desktop PC's connectivity, enabling high-speed data transfer up to 2.5Gbps for various FireWire devices. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

2. PRODUCT FEATURES

- Simultaneous connection of multiple high-performance devices.
- Supports hot-swapping and plug-and-play connection of peripheral devices.
- Compatible with various FireWire 800 (1394b) and 1394a devices, including portable hard disks, DV camcorders, digital cameras, CD-RW/DVD-ROM drives, and other audio/video equipment.
- Compliant with IEEE 1394-1995 for a high-performance serial bus and IEEE 1394a-2000 standard.
- Compliant with PCI-Express Revision 1.0a.
- Compliant with IEEE 1394 OpenHCI Specifications V1.1 and V1.2.
- Features a 1-Lane (x1) PCI-Express interface with a transfer rate of 2.5Gb/s full duplex channel.
- Supports provisions of IEEE P1394b Revision 1.33+.
- Fully backward compatible with 1394a specification.
- Fully interoperable with FireWire, iLink, and SB1394 implementations of the IEEE 1394 Standard.

3. PACKAGE CONTENTS

Please verify that all items are present and in good condition. If any items are missing or damaged, contact your retailer.

- 1 x Zopsc FireWire Video Capture PCIe Controller Card
- 1 x FireWire Cable



Image: The Zopsc FireWire Video Capture PCIe Card and the included FireWire cable.

4. SPECIFICATIONS

Attribute	Value
Brand	Zopsc
Model Number	Zopsc3gu8c0a46y
Hardware Interface	PCI Express (PCIe x1)
Data Transfer Rates	100Mbps/200Mbps/400Mbps/800Mbps
Ports	2 x 1394a (9-pin, Bi-lingual), 1 x 1394a (6-pin)
Compatible Operating Systems	Windows 10/8/7/Vista/XP/2000/ME/98SE/Server 2003-2008 (32/64-bit), OS X
Dimensions	Approx. 120 x 100 x 17mm (4.72 x 3.93 x 0.66 inches)
Item Weight	Approx. 44g (0.1 lbs)

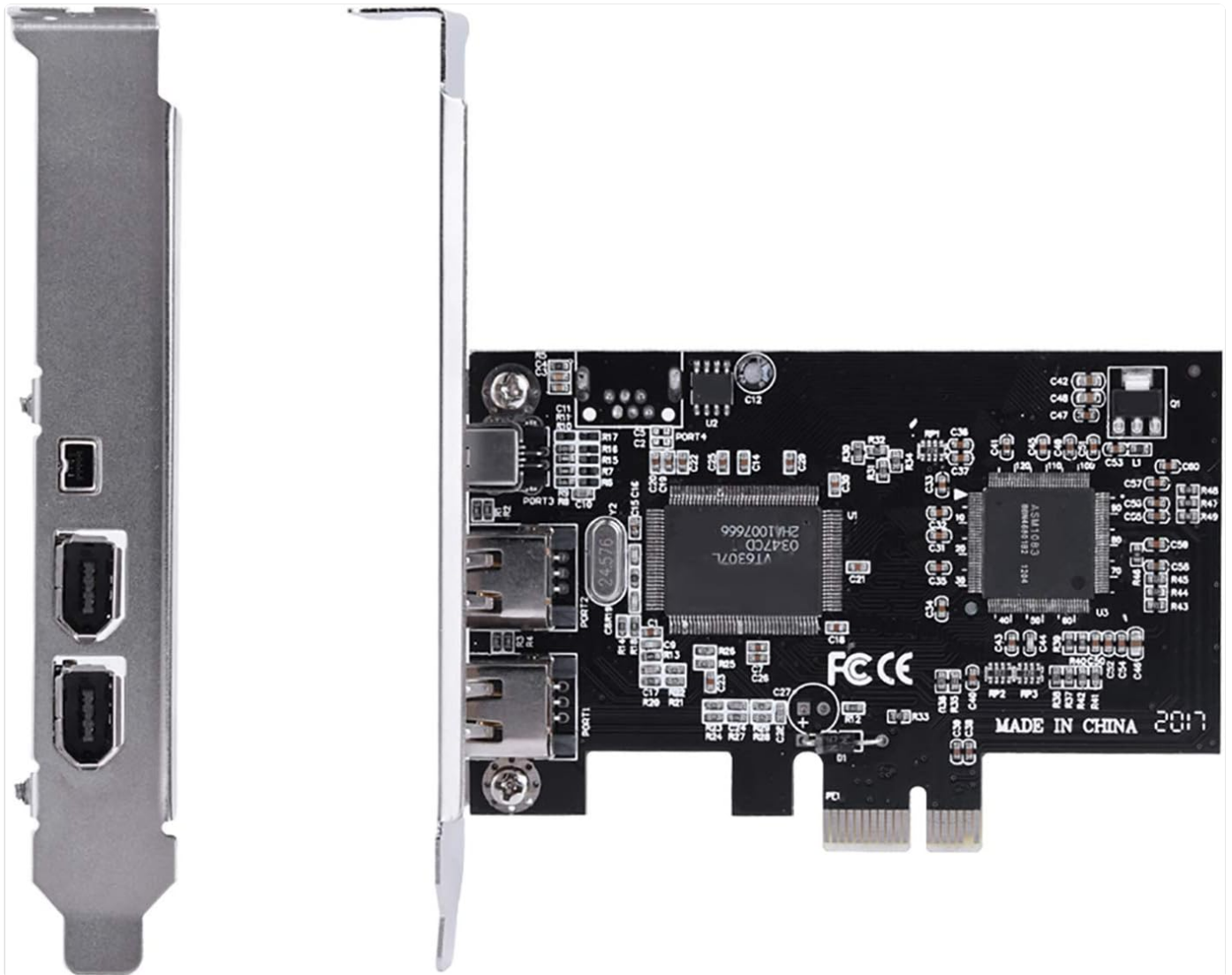


Image: Top view of the PCIe card, highlighting the FireWire ports and main components.

5. SETUP INSTRUCTIONS

Follow these steps to install the FireWire Video Capture PCIe Card into your desktop computer.

1. **Power Off and Unplug:** Completely shut down your computer and unplug the power cord from the wall outlet.
2. **Open Computer Case:** Remove the side panel of your computer case to access the internal components.

3. **Locate an Available PCIe Slot:** Identify an empty PCI Express (PCIe x1 or larger) slot on your motherboard. Refer to your computer's motherboard manual if you are unsure.
4. **Remove Slot Cover:** Carefully remove the metal slot cover corresponding to the chosen PCIe slot from the back of your computer case.
5. **Insert the PCIe Card:** Align the FireWire PCIe card with the chosen slot and firmly press it down until it is securely seated. Ensure the metal bracket is flush with the back of the case.
6. **Secure the Card:** Use a screw to secure the card's metal bracket to the computer case.
7. **Close Computer Case:** Replace the side panel of your computer case and secure it.
8. **Reconnect Power:** Plug the power cord back into the wall outlet and power on your computer.
9. **Driver Installation:**
 - For most modern operating systems (Windows 10/8/7, OS X), the necessary drivers should install automatically upon startup (Plug-and-Play).
 - If drivers do not install automatically, check the manufacturer's website (Zopsc) for the latest driver downloads for your specific operating system.

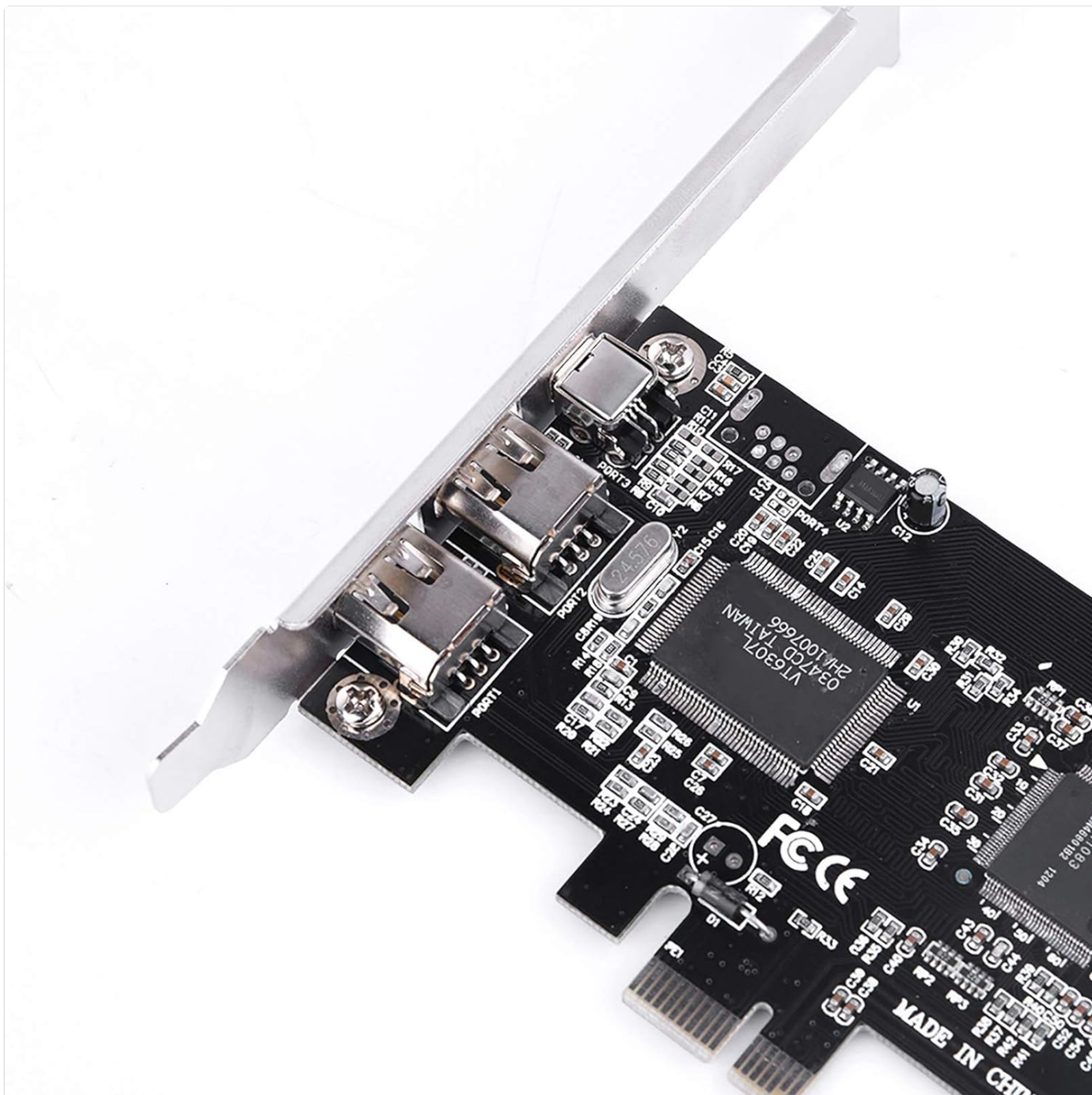


Image: A close-up view of the FireWire ports on the PCIe card, ready for connection.

6. OPERATING INSTRUCTIONS

Once the FireWire PCIe card is installed and drivers are recognized, you can connect your FireWire devices.

1. **Connect FireWire Device:** Use the provided FireWire cable or another compatible FireWire cable to connect your device (e.g., DV camcorder, external hard drive) to one of the FireWire ports on the installed PCIe card.
2. **Power On Device:** Ensure your FireWire device is powered on.
3. **Device Recognition:** Your operating system should detect the connected FireWire device. You may see a notification indicating a new device has been found.
4. **Use with Software:** Open the appropriate software application on your computer (e.g., video editing software for camcorders, file explorer for external drives) to access and manage your FireWire device.
5. **Hot-Swapping:** The card supports hot-swapping. You can connect and disconnect FireWire devices while the computer is running, but it is always recommended to safely eject or unmount devices before disconnecting to

prevent data loss.

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Video: A demonstration of the Zopsc FireWire Video Capture PCIe Card, showing its components and potential use cases.

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Video: An overview of the FireWire Video Capture PCIe Card, highlighting its features and connectivity.

7. MAINTENANCE

The Zopsc FireWire Video Capture PCIe Card requires minimal maintenance.

- **Keep Clean:** Ensure your computer's interior is kept clean and free of dust to prevent overheating and component damage. Use compressed air to gently clean the card and surrounding areas periodically.
- **Driver Updates:** Periodically check the Zopsc website for updated drivers to ensure optimal performance and compatibility with the latest operating system versions.
- **Handle with Care:** When handling the card, always hold it by its edges to avoid touching the electronic components or connectors. Static electricity can damage the card.

8. TROUBLESHOOTING

If you encounter issues with your FireWire PCIe card, refer to the following common problems and solutions.

- **Card Not Detected:**
 - Ensure the card is fully seated in the PCIe slot.
 - Try installing the card in a different PCIe slot if available.
 - Verify that the slot is enabled in your computer's BIOS/UEFI settings (if applicable).
 - Check Device Manager (Windows) or System Information (OS X) to see if the card is listed, even with an error.
- **Device Not Recognized:**
 - Ensure the FireWire device is powered on and connected correctly to the card.
 - Try a different FireWire cable.
 - Verify that the necessary drivers for the FireWire card are installed and up to date.
 - Check if the FireWire device itself requires specific drivers or software.
- **Slow Data Transfer:**
 - Ensure you are using a FireWire 800 (1394b) compatible cable and device for maximum speed, if applicable.
 - Close unnecessary applications running in the background that might consume system resources.
 - Check for updated drivers for both the FireWire card and the connected device.
- **System Instability:**
 - Ensure the card is properly installed and secured.
 - Update your motherboard's BIOS/UEFI to the latest version.
 - If issues persist, temporarily remove the card to see if the system stabilizes, indicating a potential conflict or faulty card.

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official Zopsc website.

Visit the Zopsc Store on Amazon

