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Bewinner Bewinners1ibgn5gh0

Bewinner 5-Port PCI-E to USB 3.0 Expansion Card User Manual

Model: Bewinners1ibgn5gh0

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Bewinner PCI-E to USB 3.0 Expansion Card. This professional PCI-to-USB expansion card adapter offers a super-fast solution for high-capacity data transfer, enhancing your PC's connectivity with additional USB 3.0 ports.
The module card ensures excellent durability and performance, compatible with your PC, offering plug-and-play functionality.

2. Product Features

- **PCI to Multiple USB Port Conversion:** Provides 5 external USB 3.0 ports and 2 internal USB 3.0 ports, meeting your advanced needs and simultaneously compatible with USB 2.0 and 1.1.
- **High-Speed Data Transfer:** Supports transfer speeds up to 5 Gbps (PCI-Express throughput) ensuring fast and stable data transmission.
- **Wide Compatibility:** Compatible with PCs featuring a PCI Express slot and supports Windows XP / Vista / 7 / 8 / 10 and more operating systems.
- **Plug & Play and Hot Swapping:** Features plug & play functionality and hot-swapping capability for ease of use.
- **Stable Power Supply:** USB 3.0 interface and PIN provide a 5V900MA super strong power supply to ensure sufficient and stable power for connected devices.
- **Reliable Chipset:** Equipped with a stable and reliable VIA chipset, compliant with single-lane (x1) PCI-Express throughput up to 5 Gbps.

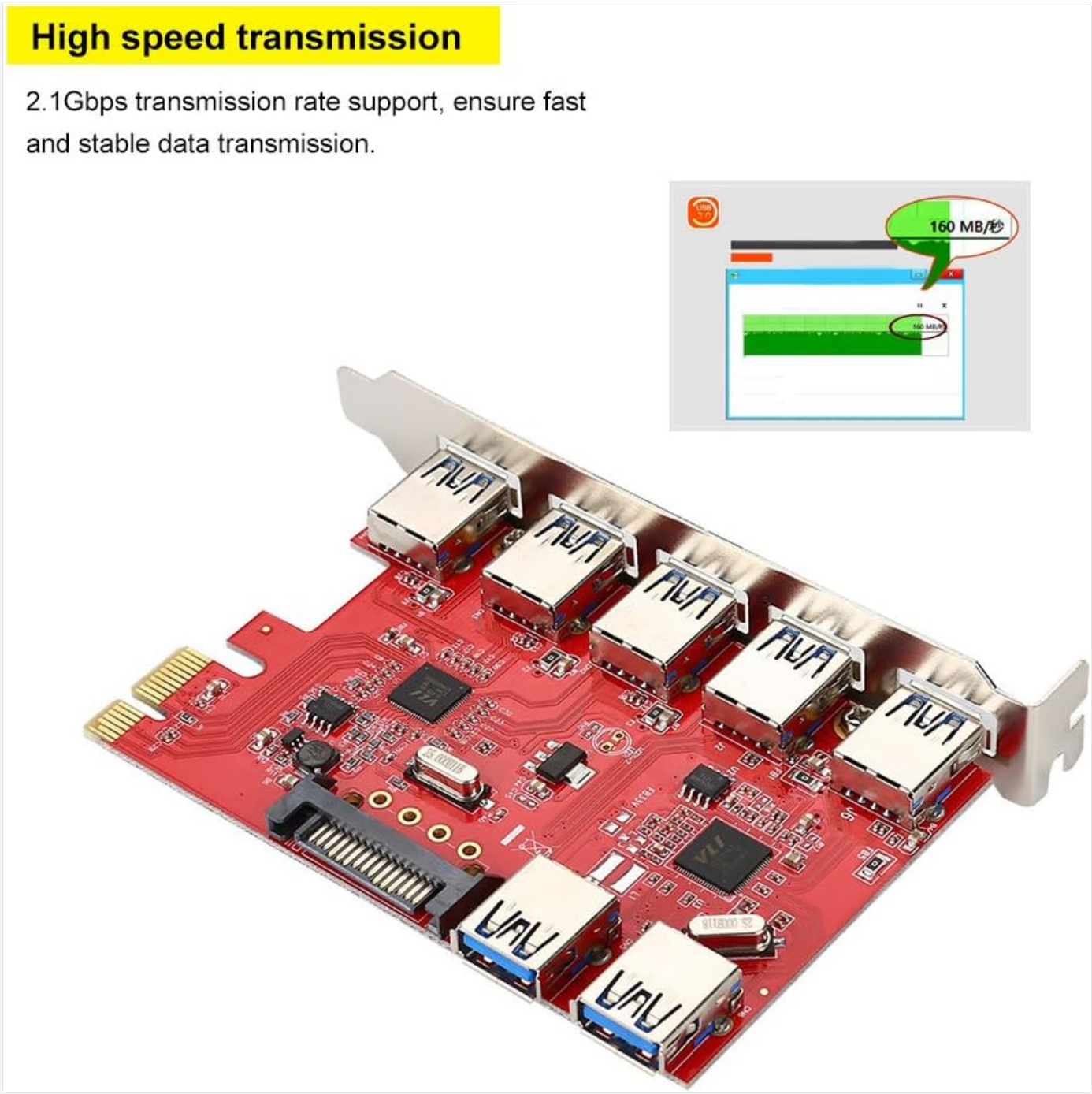


Image: The expansion card illustrating its high-speed data transmission capabilities.

3. Specifications

Brand:	Bewinner
Model:	Bewinners1ibgn5gh0
Chipset:	VIA (VL812-07 / VL805-06 dual chip solutions)
Expansion Interface:	5 x USB 3.0 (external) + 2 x USB 3.0 (internal)
Applicable Interfaces:	PCI-E 1x, PCI-E 4x, PCI-E 8x, PCI-E 16x
Data Transfer Rate:	Up to 5 Gbps (PCI-Express throughput)
Power Supply:	5V900MA per USB 3.0 port

Operating System Support:	Windows XP / Vista / 7 / 8 / 10 and more
Hardware Interface:	PCI, PCI Express x1, PCI Express x16, PCI Express x4, PCI Express x8, USB, USB 2.0, USB 3.0

4. Package Contents

- 1x Bewinner PCI-E to USB 3.0 Expansion Card Adapter
- 1x Driver CD



Image: The Bewinner PCI-E to USB 3.0 Expansion Card shown alongside its included driver CD.

5. Setup and Installation

1. **Prepare your PC:**
   - Turn off your computer and unplug the power cord.
   - Open your computer case. Refer to your computer's manual for instructions on how to safely open the case.
   - Ground yourself to prevent electrostatic discharge (ESD) by touching a metal part of the computer chassis.
2. **Locate an available PCI-E Slot:**
   - Identify an empty PCI-E slot (x1, x4, x8, or x16) on your motherboard.
   - Remove the metal bracket cover from the chosen slot on the back of your PC case.



Image: The Bewinner PCI-E to USB 3.0 Expansion Card, ready for installation into a PCI-E slot.

3. **Install the Expansion Card:**
    - Carefully align the gold contacts of the expansion card with the PCI-E slot.
    - Press down firmly and evenly until the card is securely seated in the slot. Ensure the metal bracket is flush with the back of the PC case.
    - Secure the card with a screw to the PC case, if applicable.
4. **Close the PC Case and Power On:**
    - Close your computer case and reconnect the power cord and other peripherals.
    - Turn on your computer.
5. **Driver Installation:**
    - Upon first boot, Windows may automatically detect and install the necessary drivers.
    - If drivers are not automatically installed, insert the provided Driver CD into your optical drive and follow the on-screen instructions to install the VIA chipset drivers.
    - Alternatively, you may download the latest drivers from the Bewinner support website (if available).

6. Operating Instructions

Once the Bewinner PCI-E to USB 3.0 Expansion Card is successfully installed and drivers are loaded, the new USB 3.0 ports will be ready for use.

- **Connecting Devices:** Plug your USB 3.0, USB 2.0, or USB 1.1 compatible devices into the available USB ports on the expansion card.
- **Hot Swapping:** The card supports hot-swapping, meaning you can connect and disconnect USB devices while the computer is running without needing to restart.
- **Power Supply:** The USB 3.0 ports provide a stable 5V900MA power supply, suitable for most USB devices. For high-power devices, ensure they have their own external power source if needed.
- **Data Transfer:** Enjoy high-speed data transfer with USB 3.0 compatible devices, reaching speeds up to 5 Gbps.



Image: The expansion card installed in a PC, illustrating its plug & play and hot-swapping capabilities with various devices.

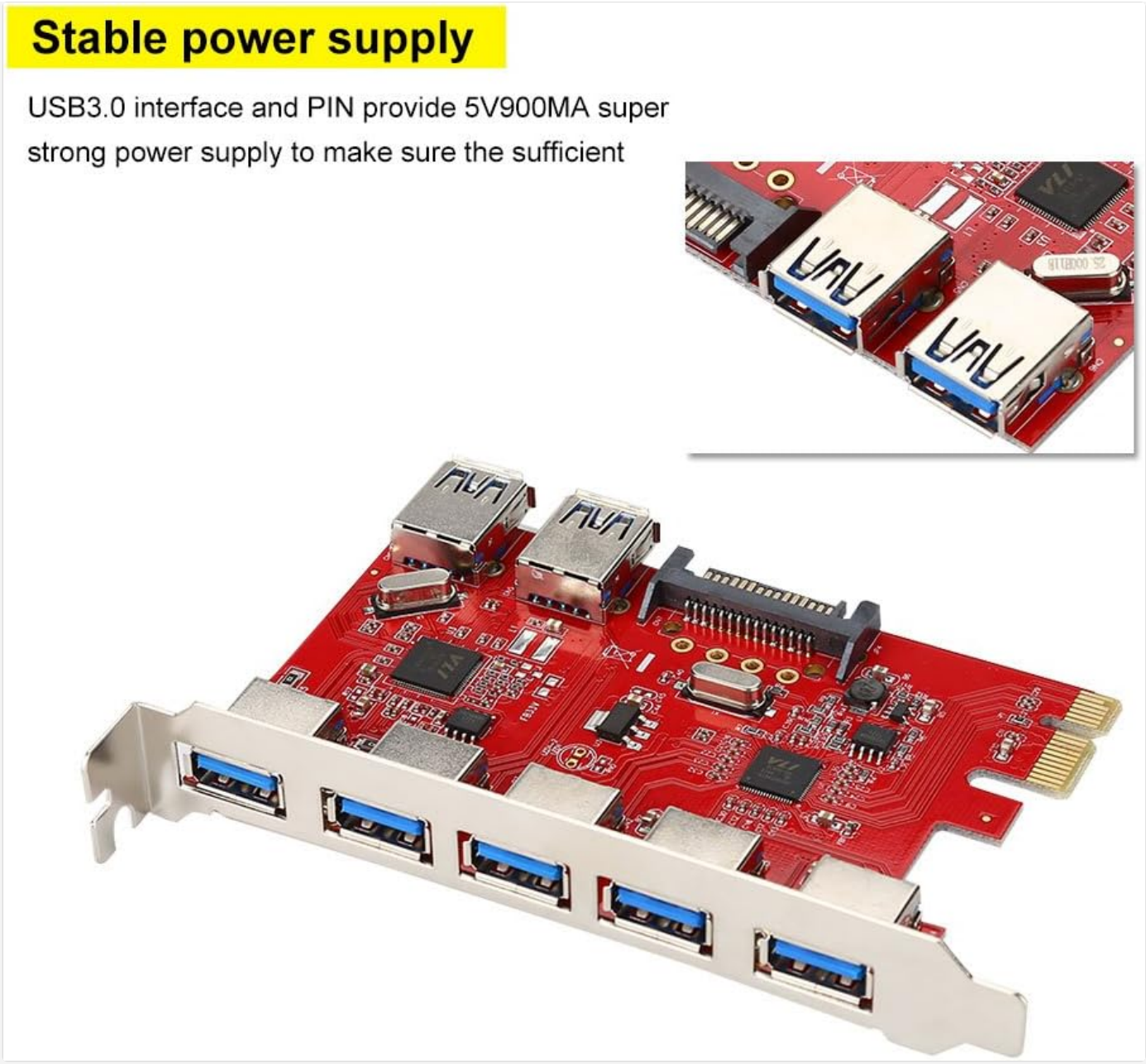


Image: Close-up of the USB 3.0 ports, emphasizing the stable power supply feature.

7. Maintenance

The Bewinner PCI-E to USB 3.0 Expansion Card is designed for reliable, long-term operation with minimal maintenance.

- **Keep Clean:** Periodically clean the interior of your computer case to prevent dust buildup on the card, which can affect performance and lifespan. Use compressed air for this purpose.
- **Driver Updates:** Check the Bewinner support website occasionally for updated drivers to ensure optimal performance and compatibility with new operating system versions.
- **Physical Inspection:** If you experience issues, visually inspect the card for any signs of damage or loose connections. Ensure it is securely seated in the PCI-E slot.

8. Troubleshooting

8.1 Card Not Detected / Not Functioning

- **Check Physical Installation:** Ensure the card is fully and securely seated in the PCI-E slot. Re-seat the card if necessary.

- **Verify PCI-E Slot:** Try installing the card in a different available PCI-E slot to rule out a faulty slot.
- **Driver Installation:** Confirm that the correct drivers are installed. Check Device Manager in Windows for any yellow exclamation marks next to the USB controller. Reinstall drivers from the provided CD or Bewinner's website.
- **Power Supply:** Ensure your PC's power supply is adequate for all installed components. While the card draws power from the PCI-E slot, insufficient system power can cause instability.

8.2 USB Devices Not Recognized or Working Slowly

- **Check Device Compatibility:** Ensure your USB device is functioning correctly when connected to other USB ports.
- **Driver Issues:** Reinstall the card's drivers. Outdated or corrupted drivers can cause recognition issues.
- **Power Requirements:** Some high-power USB devices may require an external power source. Ensure such devices are properly powered.
- **Cable Quality:** Use high-quality USB 3.0 cables for optimal performance. Faulty or low-quality cables can lead to slow speeds or connection drops.

9. Important Notes and Disclaimer

- Allow for 1-3 cm error due to manual measurement.
- Monitor calibration may vary; item color displayed in photos might differ slightly from the actual product. Please consider the real product as standard.
- This product is intended for use by individuals familiar with computer hardware installation. If you are unsure, seek professional assistance.
- Always ensure your computer is powered off and unplugged before installing or removing any internal components.

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