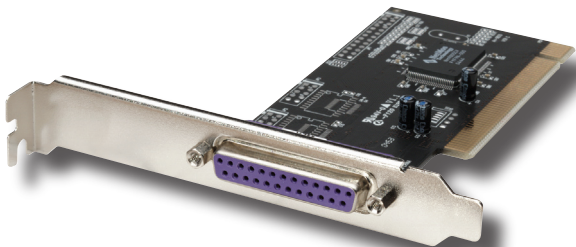# PARALLEL
PCI CARD
USER
MANUAL
MODEL 324007

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INTRODUCTION

Thank you for purchasing this MANHATTAN® Parallel PCI Card, Model 324007.

The easy-to-follow instructions in this manual help make installation of the card quick and simple, so you'll also soon be enjoying the benefits of these features:

• Adds a parallel DB25 port with Enhanced Parallel Port (EPP), Standard Parallel Port (SPP) and Enhanced Capability Port (ECP) support to desktop computers
• Up to 1.5 MBps parallel throughput
• Fully supports PCI IRQ sharing
• Automatically selects IRQ and IO address
• Lifetime Warranty

System Requirements
• Windows 2000/XP/Server 2003/Vista
• Available PCI slot

Package Contents
• Parallel PCI Card with External DB25 Port
• User manual and driver CD

HARDWARE INSTALLATION

1. Turn off your computer.
2. Unplug the power cord and remove your computer's cover.
3. Remove the slot bracket from an available PCI slot.
4. To install the card, carefully align the card's bus connector with the selected PCI slot on the motherboard. Push the board down firmly.
5. Replace the slot bracket's holding screw to secure the card.
6. Replace the computer cover and reconnect the power cord.

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DRIVER INSTALLATION

Ensure that the card is installed on the computer before proceeding with driver installation.

Windows 2000

1. At the Found New Hardware Wizard, click "Next."
2. Select "Search for a suitable driver for my device (recommended)"; click "Next."
3. Check "Specify a location"; uncheck the other boxes; click "Next."
4. Insert the driver CD; enter "D:\PCI_IO\nm9xxx\2000"; click "OK."
   NOTE: Change "D:" if/as needed to match your CD-ROM driver designation.
5. Click "Next"; then "Finish."
6. Restart Windows to complete the installation.

Windows XP

1. At the Found New Hardware Wizard, select "Install from a list or specific location (Advanced)"; click "Next."
2. Insert the driver CD; check "Include this location in the search"; uncheck the other box; enter "D:\PCI_IO\nm9xxx\XP"; click "OK."
   NOTE: Change "D:" if/as needed to match your CD-ROM designation.
3. If the Hardware Installation window pops up, click "Continue Anyway"; click "Finish." (The driver has been thoroughly tested for stability and compatibility.)
4. Repeat steps 1-3.
5. Restart Windows to complete the installation.

Windows Server 2003

1. At the Found New Hardware Wizard, select "Install from a list or specific location (Advanced)"; click "Next."
2. Insert the driver CD; check "Include this location in the search"; uncheck the other box; enter "D:\PCI_IO\nm9xxx\2003"; click "OK."
   NOTE: Change "D:" if needed to match your CD-ROM designation.

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3. If the Hardware Installation window pops up, click "Continue Anyway"; click "Finish." (The driver's been tested for stability and compatibility.)
4. Repeat steps 1-3.
5. Restart Windows to complete the installation.

Windows Vista

1. At the Found New Hardware Wizard, select "Locate and install driver software (recommended)."
2. Click on "I don't have the disc. Show me other options."
3. Select the option "Browse my computer for driver software (advanced)."
4. Insert the driver CD; check "Include subfolders"; enter "D:\PCI_IO\nm9xxx\Vista32" for Vista 32-bit or "D:\PCI_IO\nm9xxx\Vista64" for Vista 64-bit; click "Next." *NOTE:* Change "D:" if/as needed to match your CD-ROM driver designation.
5. If the system prompts you that the drivers are not signed, select the option "Install this driver software anyway."
6. Click "Close" to complete the driver installation.

Verify Windows Driver Installation

1. Right-click "My Computer"; click "Manage"; click "Device Manager."
2. Click on "+" (plus sign) in front of "Ports (COM & LPT)"; two "MosChip PCI Parallel Port …" listings should be displayed.
3. Double-click "Multifunction adapters"; "MosChip PCI Multi-I/O Controller" should be displayed.

Change the Parallel Port Address

Some parallel devices need a specific parallel port in order to work. If your parallel devices work properly, do not change these settings.
1. In the Device Manager window, double-click "Ports (COM & LPT)"; then double-click the "MosChip PCI Parallel Port" listing.
2. On the Port Settings tab, click the down arrow and select an LPT port that is not in use.
3. Click "OK"; then close the Device Manager to save the changes.

SPECIFICATIONS

Standards and Certifications

• CE
• FCC
• PCI 2.1
• WEEE

General

• Parallel DB25 female connection
• Up to 1.5 MBps parallel throughput with maximum 16 Byte FIFO
• MosChip 9805 chipset
• Requires PCI slot
• Windows 2000/XP/Server 2003/Vista 32/64-bit compatible

Bus

• PCI 2.1 32-bit, 33 MHz
• Supports 32-bit PCI slot
• 5 V bus power

Physical

• Dimensions, L x W x H: 124 x 122 x 23 mm (4.9 x 4.8 x 0.9 in.)
• Weight: 53.8 g (1.9 oz.)

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BRINGING COMPUTERS TO LIFE

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