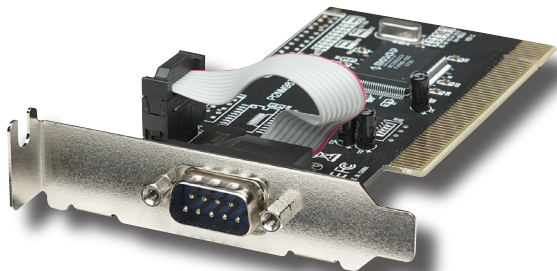


# SERIAL PCI CARD USER MANUAL

MODEL 176781



  
**MANHATTAN**

MAN-176781-UM-1207-02



# INTRODUCTION

Thank you for purchasing this MANHATTAN® Serial PCI Card, Model 176781.

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 high-speed 16550 UART serial DB9 Com port to desktop computers
- Maximum 115.2 kbps throughput
- Requires only one PCI bus IRQ
- Fully supports PCI IRQ sharing
- Automatically selects IRQ and Com address
- Fits low-profile PCI slots
- Lifetime Warranty

## System Requirements

- Windows 2000/XP/Server 2003/Vista
- Available punch-out expansion and PCI slots

## Package Contents

- Serial PCI Card with External DB9 Port, Low Profile
- Quick install guide 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.

# 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.

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)”; one “MosChip PCI Serial Port ...” listing should be displayed.
3. Double-click “Multifunction adapters”; “MosChip PCI Multi-I/O Controller” should be displayed.

## Change the COM Port Address

Some serial devices need a specific COM port in order to work. If your serial 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 Serial Port” you want to change.
2. On the Settings tab, click “Advanced.”
3. Click the down arrow next to the “COM Port Number” box; select a COM port that is not in use; click “OK.”
4. Click “OK”; then close the Device Manager to save the changes.

# SPECIFICATIONS

## Standards and Certifications

- CE
- FCC
- PCI 2.1
- WEEE

## General

- 1 serial DB9 male connection
- Maximum 115.2 kbps throughput
- MosChip 9820 chipset
- Requires available punch-out expansion and PCI slots
- 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: 124 x 122 x 23 mm (4.9 x 4.8 x 0.9 in.)
- Weight: 65.2 g (2.3 oz.)





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