

1-Port Parallel Server

User Manual

Ver. 1.00

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Features and Benefits

- Allow multiple users to share a IEEE 1284 parallel device over the network from any networked computer
- Live Server status monitoring via both web browser and application software
- LEDs indicate for Power status and Ethernet connection
- Supports MDI/MDIX auto crossover function (Auto-MDIX)
- Supports DHCP, configures IP Address automatically

System Requirements

- Windows® 2000, XP, Vista

Package Contents

- 1 x 1- Port Parallel Server
- 1 x User Manual
- 1 x Installation CD
- 1 x Power Adapter

Note: Contents may vary depending on market/region.

Hardware Description

Front Panel View



LED	Color	Status	Description
Power LED	GREEN	ON	Power ON
Ethernet LED	GREEN	ON	A valid connection
		BLINK	Sending/Receiving Packets

Rear Panel View



Pressing the Reset button restores the Parallel Server to its original factory default settings

Note: To reset the Parallel Server, locate the reset button (hole) on the rear panel of the unit. With the Parallel Server powered on, use a paperclip to hold the button down for 10 seconds. Release the button and the Parallel Server will go through its reboot process. Wait about 30 seconds to access the Parallel Server.

Installing the Parallel Server Hardware

Note: DO NOT connect your parallel device to the Parallel Server until

you have finished installing the Parallel Server hardware and software!!! The next section, **Using Your Parallel Device Over Your Network**, will guide you through the process of connecting and using your parallel device with the Parallel Server.

1. First connect an Ethernet cable to the Parallel Server's Ethernet port. Once the Ethernet cable is connected, connect the other end of the cable to your network.
2. Connect the included power supply to the Parallel Server's power adapter port. Once the Parallel Server has power, you will notice the Parallel Server's power LED light turns on.
3. Parallel Server hardware installation is now complete. Please proceed to the Parallel Server driver and client utility installation instructions.

Installing the Parallel Server Driver For Windows® 2000, XP, Vista

1. Locate the installation CD folder "X:\Parallel Server\Driver" and then double click "**NUDriver.exe**" file to install the driver.
2. Follow the on-screen instructions to complete the installation.
3. Restart Windows.

Installing the Parallel Server Client Utility

1. Locate the installation CD folder “X:\Parallel Server\AP” and then double click “**setup.exe**” file to install the client utility.
2. Follow the on-screen instructions to complete the installation.

Using Your Parallel Device Over Your Network

1. Before using the Parallel Server, connect your parallel device to the parallel port on the Parallel Server.
2. Once your parallel device is connected to the Parallel Server, open the Parallel Server client utility. The Parallel Server client utility is located in your **Start** menu → **Programs** → **Peripheral Server** → **Peripheral Server**.
3. Select the **Parallel Port** underneath the “**Parallel Server...**” in the client utility and click **Connect** button at the bottom.

For more information, please read the “Parallel Server Client Utility.pdf” document in the installation CD.

Web Management Interface

1. To access web management interface in the Parallel Server utility, select the Parallel Server on the list, and click on the **Config**

button.

2. The left panel of the web management interface provides a list of different options to choose from.

Device Status: Displays which computer Parallel Server is connected to.



Device Status
Network
Reset Device
Factory Default
Firmware Update
Password Change

Status

Server Information	
Server Name	Parallel Server
Manufacturer	Generic
Model	Parallel Server
Firmware Version	V. 100.067
Server UP-Time	0 days, 0 hours, 7 minutes, 25 seconds.

Port 1 Information	
Current User	p4m900t-m

Network: You can change the network settings according to your network specifications. If you would like to give the Parallel Server a static IP address, you will need to Disable DHCP in the DHCP Setting menu. Once DHCP is disabled, enter the desired IP address on the “**IP Address**” field along with the “**Subnet Mask**” and click the “**Submit**”

button to reboot the Parallel Server. Please note that if the Parallel Server has set password, you will need to enter it into the “**Password**” field box.



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Network

Network Information	
IP Setting	Fixed IP
IP Address	192.168.1.66
Subnet Mask	255.255.255.0
MAC Address	00:0a:cd:0b:ad:02

Network Setting	
DHCP Setting	Disable <input type="button" value="v"/>
IP Address	192 <input type="text" value="168"/> 1 <input type="text" value="66"/>
Subnet Mask	255 <input type="text" value="255"/> 255 <input type="text" value="0"/>
Server Name	<input type="text" value="Parallel Server"/>
Password	<input type="password"/> *Must Provide If Available*
<input type="button" value="Submit"/> <input type="button" value="Clear"/>	

Reset Device: The Reset Device window will allow you to reboot the Parallel Server. Please note that if the Parallel Server has set password, you will need to enter it into the “**Password**” field box.

Device Status

Network

Reset Device

Factory Default

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Password Change

Reset Device

Reset Device	
Password	<input type="text"/> *Must Provide If Available*
<input type="button" value="Submit"/>	

Factory Default: The Factory window will allow you to restore the Parallel Server to factory default. Please note that if the Parallel Server has set password, you will need to enter it into the “**Password**” field box.

Device Status

Network

Reset Device

Factory Default

Firmware Update

Password Change

Factory Default

Factory Default	
Password:	<input type="text"/> *Must provide If Available*
<input type="button" value="Factory Default"/>	

Firmware Update: The firmware update window will allow you to upload the latest firmware on the Parallel Server. Click “**Browse**” to specify the firmware location on your PC. Once the location path of the firmware has been set, click “**Submit**” to begin the update. Please note that if the Parallel Server has set password, you will need to enter it into the “**Password**” field box.



Device Status	<h2>Firmware Update</h2> <table border="1"><thead><tr><th colspan="2">Password Change</th></tr></thead><tbody><tr><td>Password</td><td><input type="text"/> *Must Provide If Available*</td></tr><tr><td>Firmware</td><td><input type="text"/> <input type="button" value="Browse..."/></td></tr><tr><td colspan="2"><input type="button" value="Submit"/> <input type="button" value="Clear"/></td></tr></tbody></table>	Password Change		Password	<input type="text"/> *Must Provide If Available*	Firmware	<input type="text"/> <input type="button" value="Browse..."/>	<input type="button" value="Submit"/> <input type="button" value="Clear"/>	
Password Change									
Password		<input type="text"/> *Must Provide If Available*							
Firmware		<input type="text"/> <input type="button" value="Browse..."/>							
<input type="button" value="Submit"/> <input type="button" value="Clear"/>									
Network									
Reset Device									
Factory Default									
Firmware Update									
Password Change									

Password Change: You can add or change an existing password on the Parallel Server in this window. By default the Parallel Server does not come with password.

Device Status

Network

Reset Device

Factory Default

Firmware Update

Password Change

Password Change

Password Change	
Current Password	<input type="password"/> *Must Provide If Available*
New Password	<input type="password"/>
Confirm New Password	<input type="password"/>
<input type="button" value="Submit"/>	