



MOXA NPORT 5150/5110 CONFIGURATION

You will need a crossover Ethernet cable and a PC/laptop to complete the configuration.

1. Apply power to the Moxa device.
2. Plug one end of the Ethernet cable into the network jack of the Moxa device and the other end into the network port of your PC or laptop.
3. Configure your network card as follows:
 - IP address: 192.168.127.251
 - Subnet Mask: 255.255.255.0
 - Leave the Gateway address blank
4. Open a web browser such as Internet Explorer and type the following into the address bar:
<http://192.168.127.254>

5. The Moxa web management display should load in the web browser's window.
6. Click on "Operating Settings"- "Port 1" and enter the information shown in the below image if you are sending data.

IMPORTANT: UDP port 3805 must be open from the Moxa sending device all the way to the destination IP address of the PC running ThorPCX that will be receiving the data. If there are firewalls between those two points, then you must open UDP port 3805 to allow data to pass through that port.



MOXA www.moxa.com

Operating Settings

Port 1

Operation mode: UDP Mode

Data Packing

Packing length: 0 (0 - 1024)

Delimiter 1: d (Hex) Enable

Delimiter 2: 0 (Hex) Enable

Delimiter process: Strip Delimiter (Processed only when Packing length is 0)

Force transmit: 0 (0 - 65535 ms)

UDP Mode

	Begin	End	Port
Destination IP address 1	192.168.1.5	192.168.1.5	3805
Destination IP address 2			4001
Destination IP address 3			4001
Destination IP address 4			4001
Local Listen port	4001		

MAKE SURE THE PORT IS (with arrow pointing to 3805)

ENTER YOUR THORPCX IP ADDRESS IN BOTH BOXES ABOVE (with arrows pointing to the IP address fields)

7. Click the "Submit" button and then the "Save/Restart" button on the next screen.

8. Next click on the “Serial Settings”-“Port 1” and enter the below information for each unit.

The screenshot displays the Moxa configuration web interface. On the left is a navigation menu with the following items: Main Menu, Overview, Basic Settings, Network Settings, Serial Settings (expanded), Port 1 (selected), Operating Settings, Accessible IP Settings, Auto Warning Settings, Monitor, Change Password, Load Factory Default, and Save/Restart. The main content area is titled "Serial Settings" and is divided into two sections: "Port 1" and "Serial Parameters".

Port 1	
Port alias	<input type="text"/>

Serial Parameters	
Baud rate	9600 ▾
Data bits	8 ▾
Stop bits	1 ▾
Parity	None ▾
Flow control	None ▾
FIFO	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
Interface	RS-232 ▾

9. Click the “Submit” button and then the “Save/Restart” button on the next screen.

10. Now click on the “Network Settings” link. Enter the network information that will allow the unit to reside on your network. Click the “Submit” button and then the “Save/Restart” button on the following screen.

IMPORTANT: The information shown on the image below is for demonstration purposes only. You will need to enter the settings for YOUR NETWORK in the spaces below. Specifically, you must enter YOUR MOXA IP address in the first line.

Network Settings	
ENTER THE IP ADDRESS OF THE MOXA HERE	
IP address	192.168.1.2
Netmask	255.255.255.0
Gateway	192.168.1.1
IP configuration	Static
DNS server 1	192.168.1.20
DNS server 2	192.168.1.21
SNMP Setting	
SNMP	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
Community name	public
Contact	
Location	
IP Address report	
Auto report to IP	
Auto report to UDP port	4002
Auto report period	10 seconds
Submit	

Enjoy and let us know if you have any questions or comments. Thank you for choosing Thor Guard and ThorPCX!