

NPort 6150

1-port Secure Terminal Server



Features

- Easy way to make serial devices Internet ready
- Versatile socket operating modes, including TCP Server, TCP Client, UDP, Pair Connection, Real COM, and RFC2217
- Secure modes for TCP Server, TCP Client, Pair Connection, and Real COM
- Any baudrate supported with high precision
- 2 or 4-wire RS-485 with patented ADDC™ (Automatic Data Direction Control)
- 802.3af support (Power Over Ethernet) - under development
- Enhanced remote configuration with https and SSH
- Port buffers to hold serial data when Ethernet is off-line



Overview

The NPort 6150 supports SSL and SSH connections, which means that it can connect a serial device to Ethernet with encryption. The 3-in-1 serial port supports RS-232, RS-422, and RS-485 communication,

and the interface may be selected or changed in the configuration menu.

Secure Data Transmission

The security of information is a very important concern when connecting serial devices to Ethernet. The NPort 6150 supports the SSL and SSH protocols, both of which ensure that data is sent over a

secure TCP/IP Ethernet connection. Users can rest assured that their serial data is transmitted securely over the network.

Ordering Information

NPort 6150-US: 1-port Secure Terminal Server

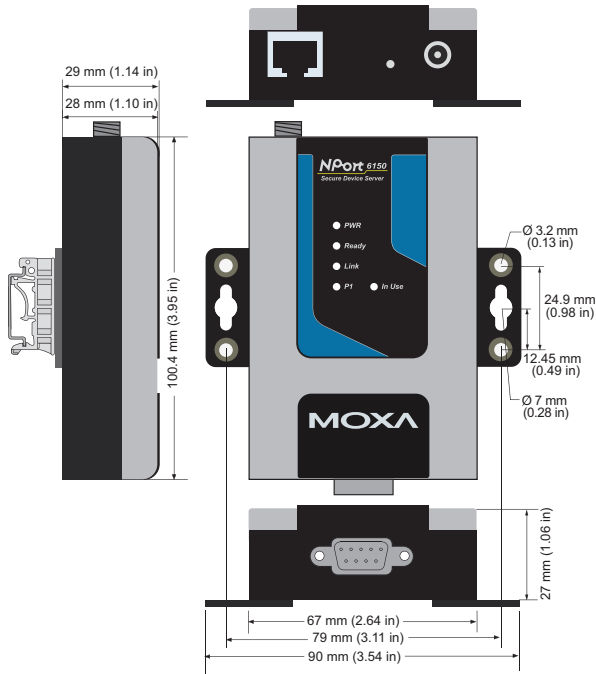
Package Checklist

- 1 NPort 6150
- Quick Installation Guide
- Document and Software CD-ROM
- Power Adaptor

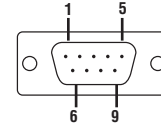
Optional Accessories

DK-35A: DIN-Rail Mounting Kit (35 mm)

Dimensions (unit = mm)



DB9 (Male) RS-232, RS-422, 2/4-wire RS-485 port



PIN	RS-232	RS-422/4-wire RS-485	2-wire RS-485
1	DCD	TxD-(A)	---
2	RxD	TxD+(B)	---
3	TxD	RxD+(B)	Data+(B)
4	DTR	RxD-(A)	Data-(A)
5	GND	GND	GND
6	DSR	---	---
7	RTS	---	---
8	CTS	---	---

Specifications

LAN

Ethernet: 1 10/100 Mbps, RJ45

Protection: Built-in 1.5 KV magnetic isolation

Serial

No. of Ports: 1

Interface: RS-232/422/485, DB9 (Male)

Serial Communication Parameters

Parity: None, Even, Odd, Space, Mark

Data Bits: 5, 6, 7, 8

Stop Bit(s): 1, 1.5, 2

Flow Control: RTS/CTS, XON/XOFF

Speed: 50 bps to 921.6 Kbps

Console Ports: RS-232 console

Software Features

Protocols: ICMP, IP, TCP, UDP, DHCP, BOOTP, Telnet, DNS, SNMP, HTTP, SMTP

Utilities: NPort Search Utility for Windows 95/98/ME/NT/2000/XP/2003/Vista

Security Protocols: DES, 3DES, AES, Radius, Local, PAP, CHAP

OS Driver Support: Windows 95/98/ME/NT/2000/XP/2003/XP x 64/2003 x 64 COM driver, Linux Real TTY driver, Unix

Configuration: Web/serial/Telnet console

Power Requirements

Power Input: 12 to 48 VDC

Mechanical Specifications

Material: Aluminum (1 mm)

Gross Weight: 700g

Environment

Operating Temperature:

0 to 55°C (32 to 131°F), 5 to 95% RH

Storage Temperature:

-20 to 85°C (-4 to 185°F), 5 to 95%RH

Regulatory Approvals

EMC:

CE: EN55022 Class A/EN55024

FCC: FCC Part 15 Subpart B, Class A

Safety:

UL: UL60950-1

TÜV: EN60950-1

Warranty: 5 years

MTBF: 231709