

Software Name: Firmware for NPort 5600 Series

Version No.	Build Date No./ Release Date	Supported OS	Apply to Models	New Features/ Enhancements	Bugs Fixed/Changes	Note
v3.8	Build 17030709	N/A	NPort 5610-8, NPort 5610-8-48V, NPort 5630-8, NPort 5610-16, NPort 5610-16-48V, NPort 5630-16, NPort 5650-8, NPort 5650-8-M-SC, NPort 5650-8-S-SC, NPort 5650-8-T, NPort 5650-8-HV-T, NPort 5650-16, NPort 5650-16-M-SC, NPort 5650-16-S-SC, NPort 5650-16-T, NPort 5650-16-HV-T	<p>New Features: N/A</p> <p>Enhancements: N/A</p>	<p>Bugs Fixed: 1. The user's password and SNMP community name may be exposed by a buffer overflow issue.</p> <p>Changes: N/A</p>	N/A
v3.7	Build 16082411	N/A	NPort 5610-8, NPort 5610-8-48V, NPort 5630-8, NPort 5610-16, NPort 5610-16-48V, NPort 5630-16, NPort 5650-8, NPort 5650-8-M-SC, NPort 5650-8-S-SC, NPort 5650-8-T, NPort 5650-8-HV-T, NPort 5650-16, NPort 5650-16-M-SC, NPort 5650-16-S-SC, NPort 5650-16-T, NPort 5650-16-HV-T	<p>New Features: N/A</p> <p>Enhancements:</p> <ol style="list-style-type: none"> Enhanced web login security and supports 5 users logged in simultaneously. Extended HTTP challenge ID length from 32 bits to 256 bits. Enabled the default password "moxa". Increased CSRF protection mechanism. Increased XSS protection mechanism. The IP address of the NPort can be set to an address ending with 0 or 255. 	<p>Bugs Fixed:</p> <ol style="list-style-type: none"> NPort cannot send e-mail using Google's SMTP server. In pair connection mode, master does not pull down RTS/DTR signal after the TCP connection is broken. Command port sends lots of "D_ASPP_CMD_ALIVE" packets after running for 50 days. NPort may reboot or hang from several buffer overflow attacks through Telnet, SSH, DSCI, SNMP, HTTP, and HTTPS. <p>Changes: N/A</p>	N/A

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v3.6	Build 15041515	N/A	NPort 5610-8, NPort 5610-8-48V, NPort 5630-8, NPort 5610-16, NPort 5610-16-48V, NPort 5630-16, NPort 5650-8, NPort 5650-8-M-SC, NPort 5650-8-S-SC, NPort 5650-8-T, NPort 5650-8-HV-T, NPort 5650-16, NPort 5650-16-M-SC, NPort 5650-16-S-SC, NPort 5650-16-T, NPort 5650-16-HV-T	New Features: N/A Enhancements: <ol style="list-style-type: none"> 1. Uses model name instead of "NULL" for SNMP object "sysDescr". 2. Supports connecting to the server by domain name and the server IP will change dynamically. 3. Supports updating the ARP table by gratuitous ARP. 4. Supports time synchronization with an NTPv4 server. 5. Supports RFC2217 NOTIFY-LINESTATE for Transfer Shift Register Empty and Transfer Holding Register Empty. 	Bugs Fixed: <ol style="list-style-type: none"> 1. If an SNMP GETNEXT command is issued on an object that does not exist, 'no such name error' is displayed. 2. When DHCP renews IPs, if the IP was originally given by a relay agent, NPort should send a DHCP request to the relay agent, not the DHCP server. 3. In Real COM mode, when the modem status of the NPort's serial port is changed frequently, the NPort will sometimes fail to notify the change to the driver. 4. In reverse telnet mode, the NPort will try to subnegotiate the COM port control options without option negotiation first. 5. In RFC2217 Mode, if the Ethernet data has many FF characters, some data may be lost while passing the data to the serial side. Changes: N/A	N/A