



Firmware for NPort 5200 Series Release Notes

Version: v2.14	Build: Build 23081519
Release Date: Mar 15, 2024	

Applicable Products

NPort 5200 Series

Supported Operating Systems

N/A

New Features

N/A

Enhancements

- Re-codes tsearch file to avoid using GNU Core Utilities to prevent any potential FOSS-related issues.

Bugs Fixed

- NPort may send abnormal DHCP request when using DHCP relay.
- NPort may append unnecessary options to a DHCP request.

Changes

N/A

Notes

N/A



Version: v2.13	Build: Build 21080614
Release Date: Sep 30, 2021	

Applicable Products

NPort 5200 Series

Supported Operating Systems

N/A

New Features

- Supports Epson RTC RX8130 for firmware versions v2.12 and higher.

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

- The new HW board with RX8130 CANNOT be used with firmware versions PRIOR to v2.12.



Version: v2.12	Build: Build 21032913
Release Date: Mar 31, 2021	

Applicable Products

NPort 5200 Series

Supported Operating Systems

N/A

New Features

- Supports the MCC Tool.
- Added a notification regarding the limitation on the length of sensitive data.

Enhancements

- Solved security issue: CVE-1999-0511

Bugs Fixed

- NPort sent a DUP ACK while handshaking.
- Saved configuration from DHCP server to flash too frequently.

Changes

N/A

Notes

N/A



Version: v2.11	Build: 19120519
Release Date: Dec 06, 2019	

Applicable Products

NPort 5200 Series

Supported Operating Systems

N/A

New Features

N/A

Enhancements

N/A

Bugs Fixed

- NPort may hang while using a public network.
- NPort does not send SNMP Authentication Failure trap successfully.
- Unable to receive complete network information with the NPort Fixed TTY driver when Max Connection is set to full capacity.
- Force Transmit timer does not work when it is set to 20 ms under UDP operation mode.
- Gateway is invalid while address ends with ".0".
- NPort should not support IP forwarding.

Changes

N/A

Notes

N/A



Version: v2.10	Build: Build 18051016
Release Date: May 28, 2018	

Applicable Products

NPort 5210, NPort 5210-T, NPort 5230, NPort 5230-T, NPort 5232, NPort 5232-T, NPort 5232I, NPort 5232I-T

Supported Operating Systems

N/A

New Features

N/A

Enhancements

N/A

Bugs Fixed

- NPort 5232 can not change serial settings through the web console.
- Time settings can not be modified.
- Pair connection mode can not resolve domain names.
- ICS-CERT ICS-VU-431251: Moxa NPort 5200 Flood attack vulnerability report.

Changes

N/A

Notes

N/A



Version: v2.9	Build: Build 17030709
Release Date: N/A	

Applicable Products

NPort 5210, NPort 5210-T, NPort 5230, NPort 5230-T, NPort 5232, NPort 5232-T, NPort 5232I, NPort 5232I-T

Supported Operating Systems

N/A

New Features

N/A

Enhancements

N/A

Bugs Fixed

- The user's password and SNMP community name may be exposed by a buffer overflow issue.

Changes

N/A

Notes

N/A



Version: v2.8	Build: Build 16100411
Release Date: N/A	

Applicable Products

NPort 5210, NPort 5210-T, NPort 5230, NPort 5230-T, NPort 5232, NPort 5232-T, NPort 5232I, NPort 5232I-T

Supported Operating Systems

N/A

New Features

N/A

Enhancements

- 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.
- Supports "ARP probe" in RFC5227. NPort would respond for ARP requests with sender IP address 0.0.0.0.

Bugs Fixed

- 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.

Changes

N/A

Notes

N/A



Version: v2.7	Build: Build 15041515
Release Date: N/A	

Applicable Products

NPort 5210, NPort 5210-T, NPort 5230, NPort 5230-T, NPort 5232, NPort 5232-T, NPort 5232I, NPort 5232I-T

Supported Operating Systems

N/A

New Features

N/A

Enhancements

- Uses model name instead of "NULL" for SNMP object "sysDescr".
- Supports connecting to the server by domain name and the server IP will change dynamically.
- Supports updating the ARP table by gratuitous ARP.
- Supports time synchronization with an NTPv4 server.

Bugs Fixed

- If an SNMP GETNEXT command is issued on an object that does not exist, 'no such name error' is displayed.
- 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.
- 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.
- In reverse telnet mode, the NPort will try to subnegotiate the COM port control options without option negotiation first.

Changes

N/A

Notes

N/A