# Firmware for NPort 5200 Series Release Notes

| 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