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