

Software Name: Firmware for NPort S8000 Series

Version No.	Build Date No./ Release Date	Supported OS	Apply to Models	New Features/ Enhancements	Bugs Fixed/Changes	Note
v1.6	Build 17042814	N/A	NPort S8455I, NPort S8455I-T, NPort S8455I-MM-SC, NPort S8455I-MM-SC-T, NPort S8455I-SS-SC, NPort S8455I-SS-SC-T, NPort S8458-4S-SC-T	<p>New Features:</p> <ol style="list-style-type: none"> 1. Supports ABC-01 (Auto-Backup Configurator) configuration. <p>Enhancements:</p> <ol style="list-style-type: none"> 1. When NPort is powered on, the serial interface signal level is not correct until the serial port is opened. 2. Protection against DROWN attacks. 3. Enable default password "moxa". 4. Increased CSRF protection mechanism. 5. Increased XSS protection mechanism. 6. Enhanced web login security and supports 5 users logged in simultaneously. 7. Extended HTTP challenge ID length from 32 bits to 256 bits. 8. Supported encrypted import/export configuration file. 	<p>Bugs Fixed:</p> <ol style="list-style-type: none"> 1. NPort may hang if the software keeps sending data and configuring baudrate repeatedly. <p>Changes:</p> <p>N/A</p>	N/A
v1.5	Build 15042209	N/A	NPort S8455I, NPort S8455I-T, NPort S8455I-MM-SC, NPort S8455I-MM-SC-T, NPort S8455I-SS-SC, NPort S8455I-SS-SC-T, NPort S8458-4S-SC-T	<p>New Features:</p> <ol style="list-style-type: none"> 1. Supports NPort S8455I. <p>Enhancements:</p> <p>N/A</p>	<p>Bugs Fixed:</p> <ol style="list-style-type: none"> 1. System hang problem caused by the serial console. <p>Changes:</p> <p>N/A</p>	N/A

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v1.4	Build 11051319	N/A	NPort S8455I-MM-SC, NPort S8455I-MM-SC-T, NPort S8455I-SS-SC, NPort S8455I-SS-SC-T, NPort S8458-4S-SC-T	<p>New Features:</p> <ol style="list-style-type: none"> 1. Supports UDP multicast function. 2. Supports RFC1213. 3. Supports RFC1317. 4. Supports Turbo Chain function. 5. Supports SNMP inform. 6. Supports DHCP option 82. 7. Supports MODBUS information. 8. Supports SSH console. 9. Supports NPort S8458-4S-SC-T. <p>Enhancements:</p> <ol style="list-style-type: none"> 1. Inactivity time calculation is now more precise in TCP server mode. 2. TCP alive check time can be set by port. 	<p>Bugs Fixed:</p> <ol style="list-style-type: none"> 1. The TCP alive check time cannot be set through SNMP when setting it for the first time. 2. Sometimes ports cannot be released after the system restarts. <p>Changes:</p> <p>N/A</p>	N/A

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v1.2	Build 09052018	N/A	NPort S8455I-MM-SC, NPort S8455I-MM-SC-T, NPort S8455I-SS-SC, NPort S8455I-SS-SC-T	<p>New Features:</p> <ol style="list-style-type: none"> Support. NPort S8455I-SS-SC model. Added ignore jammed IP function. Added network connection monitoring function. <p>Enhancements:</p> <ol style="list-style-type: none"> Users cannot access the Web console when NPort is running a burn-in test with baudrate 921600. 	<p>Bugs Fixed:</p> <ol style="list-style-type: none"> The length of the SNMP server location setting was changed to 80 characters. If NPort is running with the FixedTTY driver, the driver cannot reconnect to the NPort after the NPort restarts. On the WEB/telnet console, the type of serial interface is wrong after the serial port is opened. The default port number in TCP and UDP mode are wrong. The settings for UDP mode cannot be saved through the telnet console. WEB console and SNMP will fail to display if the length of the destination address in TCP client mode is 40. If users modify the delimiter via SNMP and the character is only one byte, users will get wrong value. If NPort has two trunking groups, the second group can be configured as "Fixed VLAN" or "Forbidden VLAN" if the VLAN type is set to "access". NPort cannot receive data when using the "Serial Port Redirector" driver in RFC2217 mode. Cannot get BREAK, DTS, RTS state in RFC2217 mode. <p>Changes:</p> <p>N/A</p>	N/A
v1.1	Build 09022711	N/A	NPort S8455I-MM-SC, NPort S8455I-MM-SC-T	<p>New Features:</p> <ol style="list-style-type: none"> First release. <p>Enhancements:</p> <p>N/A</p>	<p>Bugs Fixed:</p> <p>N/A</p> <p>Changes:</p> <p>N/A</p>	N/A