

## Software Name: Driver for NPort IA5000A Series (UNIX)

Version No.	Build Date No./ Release Date	Supported OS	Apply to Models	New Features/ Enhancements	Bugs Fixed/Changes	Note
v3.5	Build 110325	Mac_OS_X, HP-UX, IBM_AIX_5.3, FreeBSD_8.x, FreeBSD_7.x, FreeBSD_5.x, FreeBSD_6.x, QNX_4.x, QNX_6.x, SCO_OpenServer_5, SCO_OpenServer_6, SCO_UnixWare_7, Solaris_10	General Device Servers, Combo Device Servers, Wireless Device Servers, Industrial Device Servers, Terminal Servers, Serial Embedded Modules	<b>New Features:</b> N/A  <b>Enhancements:</b> N/A	<b>Bugs Fixed:</b> 1. Zombie process problem in FreeBSD 8.  <b>Changes:</b> N/A	1. This version also applies to models NPort W2004, NPort W2150, NPort W2250, NPort W2150 Plus and NPort W2250 Plus 2. This version also applies to models WE-2100T 3. This version also applies to models DE-311M, DE-301, DE-302, DE-304, DE-334 4. This version also applies to MiiNePort E1-SDK, MiiNePort E1-H-SDK, MiiNePort E2-SDK, MiiNePort E2-H-SDK 5. This version also applies to CSM-MN01

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v3.4	N/A	Mac_OS_X, HP-UX, IBM_AIX_5.3, FreeBSD_7.x, FreeBSD_5.x, FreeBSD_6.x, QNX_4.x, QNX_6.x, SCO_OpenServer_5, SCO_OpenServer_6, SCO_UnixWare_7, Solaris_10	General Device Servers, Combo Device Servers, Wireless Device Servers, Industrial Device Servers, Terminal Servers, Serial Embedded Modules	<p><b>New Features:</b></p> <p>1. Supports Mac OS X v10.3 later.</p> <p><b>Enhancements:</b></p> <p>N/A</p>	<p><b>Bugs Fixed:</b></p> <p>1. Pseudo tty writes when resources were temporarily unavailable.</p> <p>2. Zombie process problem in HP-Unix</p> <p><b>Changes:</b></p> <p>N/A</p>	<p>1. This version also applies to models NPort W2004, NPort W2150, NPort W2250, NPort W2150 Plus and NPort W2250 Plus</p> <p>2. This version also applies to models WE-2100T</p> <p>3. This version also applies to models DE-311M, DE-301, DE-302, DE-304, DE-334</p> <p>4. This version also applies to MiiNePort E1-SDK, MiiNePort E1-H-SDK, MiiNePort E2-SDK, MiiNePort E2-H-SDK</p>

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v3.3	N/A	HP-UX, IBM_AIX_5.3, FreeBSD_7.x, FreeBSD_5.x, FreeBSD_6.x, QNX_4.x, QNX_6.x, SCO_OpenServer_5, SCO_OpenServer_6, SCO_UnixWare_7, Solaris_10	General Device Servers, Combo Device Servers, Wireless Device Servers, Industrial Device Servers, Terminal Servers, Serial Embedded Modules	<p><b>New Features:</b></p> <ol style="list-style-type: none"> <li>1. Supports Solaris 10 in Sparc Machine, IBM AIX 5.3.</li> <li>2. Supports Alpha Server.</li> </ol> <p><b>Enhancements:</b></p> <p>N/A</p>	<p><b>Bugs Fixed:</b></p> <ol style="list-style-type: none"> <li>1. Driver connection problem in QNX4.</li> <li>2. When NPort restarted, the driver reset connection would fail in big-endian machines.</li> <li>3. moxattd would close when a user used terminal to open ports.</li> <li>4. -t parameter would not work on 64-bit machines.</li> <li>5. NPort polling mechanism bug in QNX 6.</li> <li>6. "Invalid Argument" message when using the stty command in Solaris.</li> <li>7. The driver buffer size was changed to 8192 bytes for AIX.</li> <li>8. moxattd disappeared in big-endian machines.</li> <li>9. Zombie processes were generated on QNX 4 when the device server was disconnected.</li> </ol> <p><b>Changes:</b></p> <p>N/A</p>	<ol style="list-style-type: none"> <li>1. This version also applies to models NPort W2004, NPort W2150, NPort W2250, NPort W2150 Plus and NPort W2250 Plus</li> <li>2. This version also applies to models WE-2100T</li> <li>3. This version also applies to models DE-311M, DE-301, DE-302, DE-304, DE-334</li> <li>4. This version also applies to MiiNePort E1-SDK, MiiNePort E1-H-SDK, MiiNePort E2-SDK, MiiNePort E2-H-SDK</li> </ol>

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v3.2	N/A	HP-UX, FreeBSD_7.x, FreeBSD_5.x, FreeBSD_6.x, QNX_4.x, QNX_6.x, SCO_OpenServer_5, SCO_OpenServer_6, SCO_UnixWare_7	General Device Servers, Combo Device Servers, Wireless Device Servers, Industrial Device Servers, Terminal Servers, Serial Embedded Modules	<p><b>New Features:</b></p> <ol style="list-style-type: none"> <li>1. Supports FreeBSD.</li> <li>2. Supports QNX 4.25.</li> <li>3. Supports QNX 6.</li> <li>4. Supports SCO OpenServer 6.</li> <li>5. Added -u parameter and user_defined.cf for user self-defined pseudo-tty.</li> <li>6. Added -x parameter to disable log function.</li> </ol> <p><b>Enhancements:</b></p> <ol style="list-style-type: none"> <li>1. Updated README.TXT.</li> </ol>	<p><b>Bugs Fixed:</b></p> <ol style="list-style-type: none"> <li>1. Fixed ports should not create problems for other users.</li> <li>2. When users opened a port, it would cause a "permission denied" error.</li> </ol> <p><b>Changes:</b></p> <p>N/A</p>	<ol style="list-style-type: none"> <li>1. This version also applies to models NPort W2004, NPort W2150, NPort W2250, NPort W2150 Plus and NPort W2250 Plus</li> <li>2. This version also applies to models WE-2100T</li> <li>3. This version also applies to models DE-311M, DE-301, DE-302, DE-304, DE-334</li> <li>4. This version also applies to MiiNePort E1-SDK, MiiNePort E1-H-SDK, MiiNePort E2-SDK, MiiNePort E2-H-SDK</li> </ol>

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v3.1	N/A	HP-UX, QNX_6.x, SCO_OpenServer_5, SCO_UnixWare_7	General Device Servers, Combo Device Servers, Wireless Device Servers, Industrial Device Servers, Terminal Servers, Serial Embedded Modules	<b>New Features:</b> 1. Supports NPort IA models. 2. Supports HP-UX. 3. Added -f parameter to specify configuration. <b>Enhancements:</b> N/A	<b>Bugs Fixed:</b> 1. Could not bind UDP Port when moxattyd daemon had installed over 9 target MAC addresses. <b>Changes:</b> N/A	1. This version also applies to models NPort W2004, NPort W2150, NPort W2250, NPort W2150 Plus and NPort W2250 Plus 2. This version also applies to models WE-2100T 3. This version also applies to models DE-311M, DE-301, DE-302, DE-304, DE-334 4. This version also applies to MiiNePort E1-SDK, MiiNePort E1-H-SDK, MiiNePort E2-SDK, MiiNePort E2-H-SDK

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v3.0	N/A	QNX_6.x, SCO_OpenServer_5, SCO_UnixWare_7	General Device Servers, Combo Device Servers, Wireless Device Servers, Industrial Device Servers, Terminal Servers, Serial Embedded Modules	<b>New Features:</b> 1. Further verified Moxa products. 2. Added an FAQ.TXT into the driver pack. <b>Enhancements:</b> N/A	<b>Bugs Fixed:</b> 1. Reinitialized tty table when moxattyd daemon was informed of moxattyd.cf's changes. <b>Changes:</b> N/A	1. This version also applies to models NPort W2004, NPort W2150, NPort W2250, NPort W2150 Plus and NPort W2250 Plus 2. This version also applies to models WE-2100T 3. This version also applies to models DE-311M, DE-301, DE-302, DE-304, DE-334 4. This version also applies to MiiNePort E1-SDK, MiiNePort E1-H-SDK, MiiNePort E2-SDK, MiiNePort E2-H-SDK