



## Driver for NPort 5000AI-M12 Series (UNIX) Release Notes

<b>Version: v3.5</b>	<b>Build: Build 110325</b>
<b>Release Date: Mar 20, 2012</b>	

### Applicable Products

General Device Servers, Combo Device Servers, Wireless Device Servers, Industrial Device Servers, Terminal Servers, Serial Embedded Modules

### Supported Operating Systems

FreeBSD 5.x, FreeBSD 6.x, FreeBSD 7.x, FreeBSD 8.x, HP-UX, IBM AIX 5.3, Mac OS X, QNX 4.x, QNX 6.x, SCO OpenServer 5, SCO OpenServer 6, SCO UnixWare 7, Solaris 10

### New Features

N/A

### Enhancements

N/A

### Bugs Fixed

- Zombie process problem in FreeBSD 8.

### Changes

N/A

### Notes

- This version also applies to models NPort W2004, NPort W2150, NPort W2250, NPort W2150 Plus and NPort W2250 Plus
- This version also applies to models WE-2100T
- This version also applies to models DE-311M, DE-301, DE-302, DE-304, DE-334
- This version also applies to MiiNePort E1-SDK, MiiNePort E1-H-SDK, MiiNePort E2-SDK, MiiNePort E2-H-SDK
- This version also applies to CSM-MN01



<b>Version: v3.4</b>	<b>Build: N/A</b>
<b>Release Date: N/A</b>	

### **Applicable Products**

General Device Servers, Combo Device Servers, Wireless Device Servers, Industrial Device Servers, Terminal Servers, Serial Embedded Modules

### **Supported Operating Systems**

FreeBSD 5.x, FreeBSD 6.x, FreeBSD 7.x, HP-UX, IBM AIX 5.3, Mac OS X, QNX 4.x, QNX 6.x, SCO OpenServer 5, SCO OpenServer 6, SCO UnixWare 7, Solaris 10

### **New Features**

- Supports Mac OS X v10.3 later.

### **Enhancements**

N/A

### **Bugs Fixed**

- Pseudo tty writes when resources were temporarily unavailable.
- Zombie process problem in HP-Unix

### **Changes**

N/A

### **Notes**

- This version also applies to models NPort W2004, NPort W2150, NPort W2250, NPort W2150 Plus and NPort W2250 Plus
- This version also applies to models WE-2100T
- This version also applies to models DE-311M, DE-301, DE-302, DE-304, DE-334
- This version also applies to MiiNePort E1-SDK, MiiNePort E1-H-SDK, MiiNePort E2-SDK, MiiNePort E2-H-SDK



<b>Version: v3.3</b>	<b>Build: N/A</b>
<b>Release Date: N/A</b>	

### **Applicable Products**

General Device Servers, Combo Device Servers, Wireless Device Servers, Industrial Device Servers, Terminal Servers, Serial Embedded Modules

### **Supported Operating Systems**

FreeBSD 5.x, FreeBSD 6.x, FreeBSD 7.x, HP-UX, IBM AIX 5.3, QNX 4.x, QNX 6.x, SCO OpenServer 5, SCO OpenServer 6, SCO UnixWare 7, Solaris 10

### **New Features**

- Supports Solaris 10 in Sparc Machine, IBM AIX 5.3.
- Supports Alpha Server.

### **Enhancements**

N/A

### **Bugs Fixed**

- Driver connection problem in QNX4.
- When NPort restarted, the driver reset connection would fail in big-endian machines.
- moxattyd would close when a user used terminal to open ports.
- -t parameter would not work on 64-bit machines.
- NPort polling mechanism bug in QNX 6.
- "Invalid Argument" message when using the stty command in Solaris.
- The driver buffer size was changed to 8192 bytes for AIX.
- moxattyd disappeared in big-endian machines.
- Zombie processes were generated on QNX 4 when the device server was disconnected.

### **Changes**

N/A

### **Notes**

- This version also applies to models NPort W2004, NPort W2150, NPort W2250, NPort W2150 Plus and NPort W2250 Plus
- This version also applies to models WE-2100T
- This version also applies to models DE-311M, DE-301, DE-302, DE-304, DE-334
- This version also applies to MiiNePort E1-SDK, MiiNePort E1-H-SDK, MiiNePort E2-SDK, MiiNePort E2-H-SDK



<b>Version: v3.2</b>	<b>Build: N/A</b>
<b>Release Date: N/A</b>	

### **Applicable Products**

General Device Servers, Combo Device Servers, Wireless Device Servers, Industrial Device Servers, Terminal Servers, Serial Embedded Modules

### **Supported Operating Systems**

FreeBSD 5.x, FreeBSD 6.x, FreeBSD 7.x, HP-UX, QNX 4.x, QNX 6.x, SCO OpenServer 5, SCO OpenServer 6, SCO UnixWare 7

### **New Features**

- Supports FreeBSD.
- Supports QNX 4.25.
- Supports QNX 6.
- Supports SCO OpenServer 6.
- Added -u parameter and user\_defined.cf for user self-defined pseudo-tty.
- Added -x parameter to disable log function.

### **Enhancements**

- Updated README.TXT.

### **Bugs Fixed**

- Fixed ports should not create problems for other users.
- When users opened a port, it would cause a "permission denied" error.

### **Changes**

N/A

### **Notes**

- This version also applies to models NPort W2004, NPort W2150, NPort W2250, NPort W2150 Plus and NPort W2250 Plus
- This version also applies to models WE-2100T
- This version also applies to models DE-311M, DE-301, DE-302, DE-304, DE-334
- This version also applies to MiiNePort E1-SDK, MiiNePort E1-H-SDK, MiiNePort E2-SDK, MiiNePort E2-H-SDK



<b>Version: v3.1</b>	<b>Build: N/A</b>
<b>Release Date: N/A</b>	

### **Applicable Products**

General Device Servers, Combo Device Servers, Wireless Device Servers, Industrial Device Servers, Terminal Servers, Serial Embedded Modules

### **Supported Operating Systems**

HP-UX, QNX 6.x, SCO OpenServer 5, SCO UnixWare 7

### **New Features**

- Supports NPort IA models.
- Supports HP-UX.
- Added -f parameter to specify configuration.

### **Enhancements**

N/A

### **Bugs Fixed**

- Could not bind UDP Port when moxattyd daemon had installed over 9 target MAC addresses.

### **Changes**

N/A

### **Notes**

- This version also applies to models NPort W2004, NPort W2150, NPort W2250, NPort W2150 Plus and NPort W2250 Plus
- This version also applies to models WE-2100T
- This version also applies to models DE-311M, DE-301, DE-302, DE-304, DE-334
- This version also applies to MiiNePort E1-SDK, MiiNePort E1-H-SDK, MiiNePort E2-SDK, MiiNePort E2-H-SDK



<b>Version: v3.0</b>	<b>Build: N/A</b>
<b>Release Date: N/A</b>	

### **Applicable Products**

General Device Servers, Combo Device Servers, Wireless Device Servers, Industrial Device Servers, Terminal Servers, Serial Embedded Modules

### **Supported Operating Systems**

QNX 6.x, SCO OpenServer 5, SCO UnixWare 7

### **New Features**

- Further verified Moxa products.
- Added an FAQ.TXT into the driver pack.

### **Enhancements**

N/A

### **Bugs Fixed**

- Reinitialized tty table when `moxattyd` daemon was informed of `moxattyd.cf`'s changes.

### **Changes**

N/A

### **Notes**

- This version also applies to models NPort W2004, NPort W2150, NPort W2250, NPort W2150 Plus and NPort W2250 Plus
- This version also applies to models WE-2100T
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