Software Release Note

Software Name: NPort Windows Driver Manager

Version No.	Build Code	Supported OS	Apply to (full model name)	New Feature(s)	Change(s)	Enhancement(s)	Bug(s) Fixed	Additional Note(s)
1.22	Build 16082410	Windows 95 Windows 98 Windows ME Windows NT Windows 2000 Windows XP (x86/x64) Windows Server 2003 (x86/x64) Windows Vista	NPort 5110, 5130, 5150 NPort 5210, 5230, 5232, 5232I NPort 5410, 5410 V3, 5430, 5430 V3, 5430I, 5430I V3, 5450, 5450I NPort 5610-8, 5610-8-48V, 5610-16, 5610-16-48V, 5630-8, 5630-16 NPort 5650-8, 5650-16, 5650-8-S-SC, 5650-16-S-SC, 5650-8-M-SC, 5650-16-M-SC NPort	1. Support encrypted configuration.	N/A	N/A	N/A	
1.21	Build 16032319	Windows 95 Windows 98 Windows ME Windows NT Windows 2000 Windows XP (x86/x64) Windows Server 2003 (x86/x64) Windows Vista	NPort 5110, 5130, 5150 NPort 5210, 5230, 5232, 5232I NPort 5410, 5410 V3, 5430, 5430 V3, 5430I, 5430I V3, 5450, 5450I NPort 5610-8, 5610-8-48V, 5610-16, 5610-16-48V, 5630-8, 5630-16 NPort 5650-8, 5650-16, 5650-8-S-SC, 5650-16-S-SC, 5650-8-M-SC, 5650-16-M-SC NPort	1. Support Windows 10	N/A	N/A	1. Fixed the failure of device searching when host has more than 16 IP addresses. 2. NPortAdminSuite cann't execute on Windwos 2000	N/A
1.20	Build 14120316	Windows 95 Windows 98 Windows ME Windows NT Windows 2000 Windows XP (x86/x64) Windows Server 2003 (x86/x64) Windows Vista	NPort 5110, 5130, 5150 NPort 5210, 5230, 5232, 5232I NPort 5410, 5410 V3, 5430, 5430 V3, 5430I, 5430I V3, 5450, 5450I NPort 5610-8, 5610-8-48V, 5610-16, 5610-16-48V, 5630-8, 5630-16 NPort 5650-8, 5650-16, 5650-8-S-SC, 5650-16-S-SC, 5650-8-M-SC, 5650-16-M-SC NPort	1. IPSerial.dll upgrade to version 1.7.3. 2. IPSerail add example code for VB2010. 3. Update NPort.dll for support NPort P5150A.	N/A	N/A	1. Update IPSerial.dll to fix thread handle always exist. 2. Utility can't monitor device with auto save device when restart the utility. 3. Utility can't monitor device with manually before execute search function. 4. The ports mapped by NPort Administration Suite Ver.1.18 or	N/A
1.19	Build 12113018	Windows 95 Windows 98 Windows ME Windows NT Windows 2000 Windows XP (x86/x64) Windows Server 2003 (x86/x64) Windows Vista	NPort 5110, 5130, 5150 NPort 5210, 5230, 5232, 5232I NPort 5410, 5410 V3, 5430, 5430 V3, 5430I, 5430I V3, 5450, 5450I NPort 5610-8, 5610-8-48V, 5610-16, 5610-16-48V, 5630-8, 5630-16 NPort 5650-8, 5650-16, 5650-8-S-SC, 5650-16-S-SC, 5650-8-M-SC, 5650-16-M-SC NPort	1. Support Windows 8 and Windows 2012. 2. Support "Always Accept Open Request" for Windows 2000 and newer.	N/A	N/A	N/A	N/A
1.18	Build 12091810	Windows 95 Windows 98 Windows ME Windows NT Windows 2000 Windows XP (x86/x64) Windows Server 2003 (x86/x64) Windows Vista	NPort 5110, 5130, 5150 NPort 5210, 5230, 5232, 5232I NPort 5410, 5410 V3, 5430, 5430 V3, 5430I, 5430I V3, 5450, 5450I NPort 5610-8, 5610-8-48V, 5610-16, 5610-16-48V, 5630-8, 5630-16 NPort 5650-8, 5650-16, 5650-8-S-SC, 5650-16-S-SC, 5650-8-M-SC, 5650-16-M-SC NPort	1. Support NPort 5150AI-M12, 5250AI-M12, 5450AI-M12 2. Support LLDP configuration. 3. Support Windows publish.	N/A	N/A	1. Driver causes system BSOD when open and close repeatedly under Windows 2008 R2. 2. Driver causes BSOD when applications open grouped COM ports which contain one or more disabled ports. 3. In COM Grouping function, sometimes HyperTerminal may not read the received data	N/A
1.17	Build 11072613	Windows 95 Windows 98 Windows ME Windows NT Windows 2000 Windows XP (x86/x64) Windows Server 2003 (x86/x64) Windows Vista	NPort 5110, 5130, 5150 NPort 5210, 5230, 5232, 5232I NPort 5410, 5410 V3, 5430, 5430 V3, 5430I, 5430I V3, 5450, 5450I NPort 5610-8, 5610-8-48V, 5610-16, 5610-16-48V, 5630-8, 5630-16 NPort 5650-8, 5650-16, 5650-8-S-SC, 5650-16-S-SC, 5650-8-M-SC, 5650-16-M-SC NPort	1. Support NPort P5150A.	N/A	N/A	1. The application will not work properly when logon with standard user in Windows Vista/7 environment. This version will prompt user change to account with administration rights. 2. Driver will cause system occur BSOD when accessing invalid memory at the path of open under Windows 2008 64bits.	N/A
1.16	Build 11021514	Windows 95 Windows 98 Windows ME Windows NT Windows 2000 Windows XP (x86/x64) Windows Server 2003 (x86/x64) Windows Vista	NPort 5110, 5130, 5150 NPort 5210, 5230, 5232, 5232I NPort 5410, 5410 V3, 5430, 5430 V3, 5430I, 5430I V3, 5450, 5450I NPort 5610-8, 5610-8-48V, 5610-16, 5610-16-48V, 5630-8, 5630-16 NPort 5650-8, 5650-16, 5650-8-S-SC, 5650-16-S-SC, 5650-8-M-SC, 5650-16-M-SC NPort	1. Support NPort 5600-8-DTL Series. 2. Support NPort A Series products in NPort.dll library.	N/A	N/A	1. It would cause system BSOD when user sets and enables COM grouping function in Windows 2008 R2.	N/A
1.15	Build 10112214	Windows 95 Windows 98 Windows ME Windows NT Windows 2000 Windows XP (x86/x64) Windows Server 2003 (x86/x64) Windows Vista	NPort 5110, 5130, 5150 NPort 5210, 5230, 5232, 5232I NPort 5410, 5410 V3, 5430, 5430 V3, 5430I, 5430I V3, 5450, 5450I NPort 5610-8, 5610-8-48V, 5610-16, 5610-16-48V, 5630-8, 5630-16 NPort 5650-8, 5650-16, 5650-8-S-SC, 5650-16-S-SC, 5650-8-M-SC, 5650-16-M-SC NPort	1. Support Multi-connection by IPSerial library. 2. Support Windows 7	N/A	N/A	1. Reduce handle counts when application call nsio_init() from IPSerial library. 2. When user close COM port and apply change to other COM number simultaneously, NPort administrator utility will cause hang up. 3. If nsio_close() function is called several times then call nsio_open()	N/A
1.14	Build 10050717	Windows 95/98/ME, Windows NT, Windows 2000/XP/2003/Vista/2008/ 7, Windows XP/2003/Vista/2008/7 x64 Edition.	NPort 5110, 5130, 5150 NPort 5210, 5230, 5232, 5232I NPort 5410, 5410 V3, 5430, 5430 V3, 5430I, 5430I V3, 5450, 5450I NPort 5610-8, 5610-8-48V, 5610-16, 5610-16-48V, 5630-8, 5630-16, 5650-8, 5650-16 NPort 5650-8-S-SC, 5650-16-S-SC, 5650-8-M-SC, 5650-16-M-SC, 5610-8-	1. Support COM Grouping function on Windows NT.	N/A	N/A	1. Shorten opening time of COM Grouping. 2. Shorten setting time of COM Grouping. 3. Fix write operation stop transmitting problem. 4. Fix stop monitor and port monitor after remove target.	N/A
1.13	Build 10040714	Windows 95/98/ME, Windows NT, Windows 2000/XP/2003/Vista/2008, Windows XP/2003/Vista/2008 x64 Edition.	NPort 5110, 5130, 5150 NPort 5210, 5230, 5232, 5232I NPort 5410, 5410 V3, 5430, 5430 V3, 5430I, 5430I V3, 5450, 5450I NPort 5610-8, 5610-8-48V, 5610-16, 5610-16-48V, 5630-8, 5630-16, 5650-8, 5650-16 NPort 5650-8-S-SC, 5650-16-S-SC, 5650-8-M-SC, 5650-16-M-SC, 5610-8-	1. Support NPort 5110A, 5130A, 5150A, IA5450A, IA5450AI, IA5150A, IA5150AI, IA5250A, IA5250AI, 5210A, 5230A, 5250A. 2. Support COM Grouping function (don't support Windows 95/98/ME/NT).	N/A	N/A	1. Set ip filter netmask error on Windows x64 platform	N/A
1.12	Build 09090816	Windows 95/98/ME, Windows NT, Windows 2000/XP/2003/Vista/2008, Windows XP/2003/Vista/2008 x64 Edition.	NPort 5110, 5130, 5150 NPort 5210, 5230, 5232, 5232I NPort 5410, 5410 V3, 5430, 5430 V3, 5430I, 5430I V3, 5450, 5450I NPort 5610-8, 5610-8-48V, 5610-16, 5610-16-48V, 5630-8, 5630-16, 5650-8, 5650-16 NPort 5650-8-S-SC, 5650-16-S-SC, 5650-8-M-SC, 5650-16-M-SC, 5610-8-	1. Support NPort IA-5250I	N/A	N/A	1. Fix the "Import COM Mapping" function throwing "invalid pointer opertion" message issue. 2. Fix the monitor function cause the memory leak. 3. Adjust the IRP completion order for multi-processor environment. 4. (Driver): Fixed the buffer protection mechanism while inserting special characters to	N/A
1.11	Build 09022417	Windows 95/98/ME, Windows NT, Windows 2000/XP/2003/Vista/2008, Windows XP/2003/Vista/2008 x64 Edition.	NPort 5110, 5130, 5150 NPort 5210, 5230, 5232, 5232I NPort 5410, 5410 V3, 5430, 5430 V3, 5430I, 5430I V3, 5450, 5450I NPort 5610-8, 5610-8-48V, 5610-16, 5612-16, 5610- 16-48V, 5630-8, 5630-16, 5650-8, 5650-16 NPort 5650-8-S-SC, 5650-16-S-SC, 5650-8-M-SC, 5650-16-	1.Support NPort 5612	N/A	N/A	1. Fix the "Import COM Mapping" function throwing "invalid pointer opertion" message issue. 2. Fix the monitor function cause the memory leak. 3. Adjust the IRP completion order for mulit-processor environment. 4. (Driver): Fixed the buffer protection mechnism while inserting special characters to	N/A
1.10	Build 08042811	Windows 95/98/ME, Windows NT, Windows 2000/XP/2003/Vista/2008, Windows XP/2003/Vista/2008 x64 Edition.	NPort 5110, 5130, 5150 NPort 5210, 5230, 5232, 5232I NPort 5410, 5430, 5430I, 5450, 5450I NPort 5610-8, 5610-16, 5630-8, 5630-16, 5650-8, 5650-16 NPort 5650-8-S-SC, 5650-16-S-SC, 5650-8-M-SC, 5650-16-M-SC, 5610-8-DT, 5610-8-DT-J, 5650-8-DT, 5650-8-DT-J, 5650I-8-DT	N/A	N/A	N/A	1. Fix the application crash problem with IP serial library when binding more than 8 IPs(alias) of PC. 2. Loading driver failed in Windows Vista x64.	N/A
1.9	Build 08022110	Windows 95/98/ME, Windows NT, Windows 2000/XP/2003/Vista, Windows XP/2003/Vista x64 Edition.	NPort 5110, 5130, 5150 NPort 5210, 5230, 5232, 5232I NPort 5410, 5430, 5430I, 5450, 5450I NPort 5610-8, 5610-16, 5630-8, 5630-16, 5650-8, 5650-16 NPort 5650-8-S-SC, 5650-16-S-SC, 5650-8-M-SC, 5650-16-M-SC, 5610-8-DT, 5610-8-DT-J, 5650-8-DT, 5650-8-DT-J, 5650I-8-DT	N/A	N/A	N/A	1. SERIAL_PURGE_TXABORT didn't reset WriteCharsQueued counter. 2. SIO outqueue count is inaccurate under classical mode. 3. The port number is incorrect in "UDP Mode Settings: Destination" list. 4. The Startup of Monitor and Port Monitor might fail. 5. The Remove of Monitor and Port	N/A
1.8	Build 07042411	Windows 95/98/ME, Windows NT, Windows 2000/XP/2003/Vista, Windows XP/2003/Vista x64 Edition.	NPort 5110, 5130, 5150 NPort 5210, 5230, 5232, 5232I NPort 5410, 5430, 5430I, 5450, 5450I NPort 5610-8, 5610-16, 5630-8, 5630-16, 5650-8, 5650-16 NPort 5650-8-S-SC, 5650-16-S-SC, 5650-8-M-SC, 5650-16-M-SC, 5610-8-DT, 5610-8-DT-J, 5650-8-DT, 5650-8-DT-J, 5650I-8-DT	1. Support Windows Vista platform. 2. Support 5610-8-DT, 5610-8- DT-J, 5650-8-DT, 5650-8-DT-J and 5650I-8-DT product.	N/A	N/A	N/A	N/A
1.7	Build 07021218	Windows 95/98/ME, Windows NT, Windows 2000/XP/2003, Windows XP/2003 x64 Edition.	NPort 5110, 5130, 5150 NPort 5210, 5230, 5232, 5232I NPort 5410, 5430, 5430I, 5450, 5450I NPort 5610, 5630, 5650, 5650-S-SC, 5650-M-SC NPort IA-5150, IA-5150I, IA-5150-S-SC, IA-5150I-S-SC, IA-5150-M-SC, IA-5150I-M-SC NPort IA-5250	1. Add new function "Network Timeout" in COM setting. 2. Add auto message log function.	N/A	N/A	N/A	N/A
1.6	5/8/2006	Windows 95/98/ME, Windows NT, Windows 2000/XP/2003, Windows XP/2003 x64 Edition.	NPort 5110, 5130, 5150 NPort 5210, 5230, 5232, 5232I NPort 5410, 5430, 5430I NPort 5610, 5630, 5650, 5650-S-SC, 5650-M-SC NPort IA-5150, IA-5150I, IA-5150-S-SC, IA-5150I-S-SC, IA-5150-M-SC, IA-5150I-M-SC NPort IA-5250	1. Support PPP Mode and Real Com Mode(RFC2217) operating mode for NPort 56xx. 2. Support Windows x64 Edition. 3. Support new NPort 5130, 5150, 5650, 5650-S-SC, 5650-M-SC model.	1. Move nprcmisic.dll to nport.dll to cover all Moxa NPort product.	N/A	1. Fixed IOCTL_SERIAL_IMMEDIATE_CHAR bug to prevent from BSOD. 2. Fixed IOCTL_SERIAL_XOFF_COUNTER bug to prevent from system halt. 3. Fixed Accessible IPs export and import configuration did not match.	N/A
1.5	9/30/2005		NPort 5110 NPort 5210, 5230, 5232, 5232I NPort 5410, 5430, 5430I NPort 5610, 5630 NPort IA-5150, IA-5150I, IA-5150-S-SC, IA-5150I-S-SC, IA-5150-M-SC, IA-5150I-M-SC NPort IA-5250	1. Support new funtion of firmware 2.0. 2. Add new NPort IA model. 3. Add Web console toolbar.	N/A	N/A	1. Fix high CPU loading with Hyper Threading system. 2. Fix COM Mapping rescan makes models could not configure in Configuration.	N/A
1.4	1/28/2005		NPort 5110 NPort 5210, 5230, 5232, 5232I NPort 5410, 5430, 5330I NPort 5610, 5630	1. Support NPort 5610 v2(up to 921.6K)	N/A	N/A	N/A	N/A
1.3	12/2/2004		NPort 5110 NPort 5210, 5230, 5232, 5232I NPort 5410, 5430, 5330I NPort 5610, 5630	1. Support NPort 5110.	N/A	1. Improve Administartor toolbar. 2. Remind user to change Firmware operating mode to Real COM mode after mapping COM Port.	N/A	N/A
1.2	12/08/2003			N/A	N/A	1.Remote IP can't display in Port Monitor of NPort Utility when the line is connected. This version fixed this defect. 2.Add new "Fast Flush" function in COM Mapping. 3.Accessible IPs can't work when only setting IP address of Accessible IPs and does not setting netmask of Accessible IPs. This version fixed this	N/A	N/A
1.0	3/17/2003			N/A	N/A	N/A	N/A	N/A