MOXA

Software Release Note

Software Name: NPort Windows Driver Manager

Version No.	Build Date	Supported OS	Applying Unit model series	New Feature(s)	Change(s)	Enhancement(s)	Bug(s) Fixed	Additional Remarks
1.22	As of 2022/10/5	Windows 95 Windows 98 Windows ME Windows NT Windows 2000 Windows XP (x86/x64) Windows Server 2003 (x86/x64) Windows Vista	When 5140, 5150, 5250 When 5130, 5150, 5250 When 5140, 5440 IO, 5450, 5450A IO, 5450I, 5450I-A IO, 5450I-A-T IO, 5450I-T IO, 5450-A IO, 5450-A-T IO, 5450-T IO, 5450-G IO, 5450-G-T IO, 5450-G-A IO, 5450-G-A-T IO, 5450-G-T-A IO, 5450-G-T-T IO	1. Support encrypted configuration.	N/A	N/A	N/A	
1.21	As of 2021/12/9	Windows 95 Windows 98 Windows ME Windows NT Windows 2000 Windows XP (x86/x64) Windows Server 2003 (x86/x64) Windows Vista	When 5140, 5150, 5250 When 5130, 5150, 5250 When 5140, 5440 IO, 5450, 5450A IO, 5450I, 5450I-A IO, 5450I-A-T IO, 5450I-T IO, 5450-A IO, 5450-A-T IO, 5450-T IO, 5450-G IO, 5450-G-T IO, 5450-G-A IO, 5450-G-A-T IO, 5450-G-T-A IO, 5450-G-T-T IO	1. Support Windows 10	N/A	N/A	1. Fixed the failure of device searching when hostnames more than 16 IP addresses. 2. Wmdmdmdcfg.exe can't execute on Windows 2003	N/A
1.20	As of 2021/6/28	Windows 95 Windows 98 Windows ME Windows NT Windows 2000 Windows XP (x86/x64) Windows Server 2003 (x86/x64) Windows Vista	When 5140, 5150, 5250 When 5130, 5150, 5250 When 5140, 5440 IO, 5450, 5450A IO, 5450I, 5450I-A IO, 5450I-A-T IO, 5450I-T IO, 5450-A IO, 5450-A-T IO, 5450-T IO, 5450-G IO, 5450-G-T IO, 5450-G-A IO, 5450-G-A-T IO, 5450-G-T-A IO, 5450-G-T-T IO	1. Official all upgrade to version 1.7.3. 2. Add new Wizard example code for UA5450. 3. Update Wmcall.dll for support When P5150A.	N/A	N/A	1. Update Wmcall.dll to fix timeout transfer a large zero. 2. Utility can't monitor device with static ease device when restarting the PC. 3. Utility can't monitor device with manually before manuale search device. 4. The ports mapped by When administration tools ton 1 disconnected unexpectedly.	N/A
1.19	As of 2021/3/18	Windows 95 Windows 98 Windows ME Windows NT Windows 2000 Windows XP (x86/x64) Windows Server 2003 (x86/x64) Windows Vista	When 5140, 5150, 5250 When 5130, 5150, 5250 When 5140, 5440 IO, 5450, 5450A IO, 5450I, 5450I-A IO, 5450I-A-T IO, 5450I-T IO, 5450-A IO, 5450-A-T IO, 5450-T IO, 5450-G IO, 5450-G-T IO, 5450-G-A IO, 5450-G-A-T IO, 5450-G-T-A IO, 5450-G-T-T IO	1. Support Windows 8.and Windows 2012. 2. Support Windows Accept Connection Timeout for Windows 2008 and newer.	N/A	N/A	N/A	N/A
1.18	As of 2020/8/10	Windows 95 Windows 98 Windows ME Windows NT Windows 2000 Windows XP (x86/x64) Windows Server 2003 (x86/x64) Windows Vista	When 5140, 5150, 5250 When 5130, 5150, 5250 When 5140, 5440 IO, 5450, 5450A IO, 5450I, 5450I-A IO, 5450I-A-T IO, 5450I-T IO, 5450-A IO, 5450-A-T IO, 5450-T IO, 5450-G IO, 5450-G-T IO, 5450-G-A IO, 5450-G-A-T IO, 5450-G-T-A IO, 5450-G-T-T IO	1. Support When 5150A-I, 5450I, 5250A-M12, 5450A-M12. 2. Support UDP configuration. 3. Support Windows Loopback.	N/A	N/A	1. Driver/service system BSOD when open and close repeatedly under Windows Vista OS. 2. Driver/service BSOD when applications open grouped COM port and close one or more disabled ports. 3. In COM Mapping function, sometimes Hyperterminal may not connect to COM port.	N/A
1.17	As of 2017/10/2	Windows 95 Windows 98 Windows ME Windows NT Windows 2000 Windows XP (x86/x64) Windows Server 2003 (x86/x64) Windows Vista	When 5140, 5150, 5250 When 5130, 5150, 5250 When 5140, 5440 IO, 5450, 5450A IO, 5450I, 5450I-A IO, 5450I-A-T IO, 5450I-T IO, 5450-A IO, 5450-A-T IO, 5450-T IO, 5450-G IO, 5450-G-T IO, 5450-G-A IO, 5450-G-A-T IO, 5450-G-T-A IO, 5450-G-T-T IO	1. Support When P5150A.	N/A	N/A	1. The applications will not exit properly when logon with nonadmin user in Windows Vista/7 environment. This service will prompt user change to admin with elevated privilege. 2. Driver/ntf cause system reset BSOD when accessing install directory under Program Files when under Windows 2008 Edition.	N/A
1.16	As of 2016/12/14	Windows 95 Windows 98 Windows ME Windows NT Windows 2000 Windows XP (x86/x64) Windows Server 2003 (x86/x64) Windows Vista	When 5140, 5150, 5250 When 5130, 5150, 5250 When 5140, 5440 IO, 5450, 5450A IO, 5450I, 5450I-A IO, 5450I-A-T IO, 5450I-T IO, 5450-A IO, 5450-A-T IO, 5450-T IO, 5450-G IO, 5450-G-T IO, 5450-G-A IO, 5450-G-A-T IO, 5450-G-T-A IO, 5450-G-T-T IO	1. Support When 5650-8-DT/I Series. 2. Support When 6 Series products in Wincalf Library.	N/A	N/A	1. It would cause system BSOD when user sets and enables COM grouping function in Windows 2008 OS.	N/A
1.15	As of 2014/12/11	Windows 95 Windows 98 Windows ME Windows NT Windows 2000 Windows XP (x86/x64) Windows Server 2003 (x86/x64) Windows Vista	When 5140, 5150, 5250 When 5130, 5150, 5250 When 5140, 5440 IO, 5450, 5450A IO, 5450I, 5450I-A IO, 5450I-A-T IO, 5450I-T IO, 5450-A IO, 5450-A-T IO, 5450-T IO, 5450-G IO, 5450-G-T IO, 5450-G-A IO, 5450-G-A-T IO, 5450-G-T-A IO, 5450-G-T-T IO	1. Support Multi-connection by Wincalf Library. 2. Support Windows 7	N/A	N/A	1. Release handle causes when application call nvcw_unlp() from Wincalf Library. 2. Fail to open a new COM port and apply change to other COM number simultaneously. When application call nvcp() cause hang up. 3. If nvcw_close() function is called several times, then call nvcw_open()	N/A
1.14	As of 2013/5/17	Windows 95/98/ME, Windows NT, Windows 2000/XP/2003/Vista (x86/x64/IA64) Windows Server 2008/7 (x64/IA64) Windows Vista Ultimate/Business/Enterprise/Home Premium/Home Basic/Starter Edition	When 5140, 5150, 5250 When 5130, 5150, 5250 When 5140, 5440 IO, 5450, 5450A IO, 5450I, 5450I-A IO, 5450I-A-T IO, 5450I-T IO, 5450-A IO, 5450-A-T IO, 5450-T IO, 5450-G IO, 5450-G-T IO, 5450-G-A IO, 5450-G-A-T IO, 5450-G-T-A IO, 5450-G-T-T IO	1. Support COM Grouping function on Windows NT.	N/A	N/A	1. Shorten opening time of COM Grouping. 2. Shorten closing time of COM Grouping. 3. Fix write operation stop transmitting problem. 4. Fix stop monitor and port monitor after remove nport.	N/A
1.13	As of 2010/7/14	Windows 95/98/ME, Windows NT, Windows 2000/XP/2003/Vista (x86/x64) Windows Server 2008/7 (x64/IA64) Windows Vista Ultimate/Business/Enterprise/Home Premium/Home Basic/Starter Edition	When 5140, 5150, 5250 When 5130, 5150, 5250 When 5140, 5440 IO, 5450, 5450A IO, 5450I, 5450I-A IO, 5450I-A-T IO, 5450I-T IO, 5450-A IO, 5450-A-T IO, 5450-T IO, 5450-G IO, 5450-G-T IO, 5450-G-A IO, 5450-G-A-T IO, 5450-G-T-A IO, 5450-G-T-T IO	1. Support When 5150A, 5250A, 5450A, 5450AI, 5450A-M12, 5450A-M12-I, 5450A-T, 5450A-T-I, 5450A-T-M12, 5450A-T-M12-I, 5450A-G, 5450A-G-T, 5450A-G-T-I, 5450A-G-T-M12, 5450A-G-T-M12-I, 5450A-G-A, 5450A-G-A-T, 5450A-G-A-T-I, 5450A-G-A-T-M12, 5450A-G-A-T-M12-I, 5450A-G-T-A, 5450A-G-T-A-I, 5450A-G-T-A-M12, 5450A-G-T-A-M12-I, 5450A-G-T-T, 5450A-G-T-T-I, 5450A-G-T-T-M12, 5450A-G-T-T-M12-I. 2. Support COM Grouping function client's support Windows 95/98/ME/NT.	N/A	N/A	1. Set ip filter network error on Windows x86 platform	N/A
1.12	As of 2009/8/14	Windows 95/98/ME, Windows NT, Windows 2000/XP/2003/Vista (x86/x64), Windows Server 2008/7 (x64/IA64) Windows Vista Ultimate/Business/Enterprise/Home Premium/Home Basic/Starter Edition	When 5140, 5150, 5250 When 5130, 5150, 5250 When 5140, 5440 IO, 5450, 5450A IO, 5450I, 5450I-A IO, 5450I-A-T IO, 5450I-T IO, 5450-A IO, 5450-A-T IO, 5450-T IO, 5450-G IO, 5450-G-T IO, 5450-G-A IO, 5450-G-A-T IO, 5450-G-T-A IO, 5450-G-T-T IO	1. Support When 5150	N/A	N/A	1. Fix the "Import COM Mapping" function error "Unexpected error operation" message issue. 2. Fix the monitor function causes system crash issue. 3. Adjust the IRP complation order for multi-processor environment. 4. (Driver). Fixed the buffer overflow issue when the driver is inserting special characters to	N/A
1.11	As of 2008/12/17	Windows 95/98/ME, Windows NT, Windows 2000/XP/2003/Vista (x86/x64), Windows Server 2008/7 (x64/IA64) Windows Vista Ultimate/Business/Enterprise/Home Premium/Home Basic/Starter Edition	When 5140, 5150, 5250 When 5130, 5150, 5250 When 5140, 5440 IO, 5450, 5450A IO, 5450I, 5450I-A IO, 5450I-A-T IO, 5450I-T IO, 5450-A IO, 5450-A-T IO, 5450-T IO, 5450-G IO, 5450-G-T IO, 5450-G-A IO, 5450-G-A-T IO, 5450-G-T-A IO, 5450-G-T-T IO	1. Support When 5610	N/A	N/A	1. Fix the "Import COM Mapping" function throwing "Invalid parameter" error on Windows Vista. 2. Fix the rearrange function over the memory leak. 3. Adjust the IRP complation order for multi-processor environment. 4. (Driver). Fixed the buffer protection mechanism while inserting special characters to	N/A
1.10	As of 2008/4/30	Windows 95/98/ME, Windows NT, Windows 2000/XP/2003/Vista (x86/x64), Windows Server 2008/7 (x64/IA64) Windows Vista Ultimate/Business/Enterprise/Home Premium/Home Basic/Starter Edition	When 5140, 5150, 5250 When 5130, 5150, 5250 When 5140, 5440 IO, 5450, 5450A IO, 5450I, 5450I-A IO, 5450I-A-T IO, 5450I-T IO, 5450-A IO, 5450-A-T IO, 5450-T IO, 5450-G IO, 5450-G-T IO, 5450-G-A IO, 5450-G-A-T IO, 5450-G-T-A IO, 5450-G-T-T IO, 5450-A-T-I, 5450-A-T-I-T, 5450-G-T-I, 5450-G-T-I-T, 5450-A-T-T, 5450-A-T-T-I, 5450-G-T-T, 5450-G-T-T-I	N/A	N/A	1. Fix the application crash problem with (Pcscrial 1)keyspeken.binding more than 8 Port(s) on PC. 2. Sending driver failed in Windows Vista x86.	N/A
1.9	As of 2007/12/17	Windows 95/98/ME, Windows NT, Windows 2000/XP/2003/Vista, Windows Server 2008/7 (x64/IA64) Edition	When 5140, 5150, 5250 When 5130, 5150, 5250 When 5140, 5440 IO, 5450, 5450A IO, 5450I, 5450I-A IO, 5450I-A-T IO, 5450I-T IO, 5450-A IO, 5450-A-T IO, 5450-T IO, 5450-G IO, 5450-G-T IO, 5450-G-A IO, 5450-G-A-T IO, 5450-G-T-A IO, 5450-G-T-T IO	N/A	N/A	N/A	1. SERIAL_PORT_TIMEOUT value's reset WriteCharacterpacket counter. 2. Fix the Hyperterminal can't transmit under classical mode. 3. The port number is incorrect in "Create Settings Scriptmaker" tool. 4. The Startup of Monitor and Port Monitor might fail. 5. The Release of Monitor and Port	N/A
1.8	As of 2006/12/11	Windows 95/98/ME, Windows NT, Windows 2000/XP/2003/Vista, Windows Server 2008/7 (x64/IA64) Edition	When 5140, 5150, 5250 When 5130, 5150, 5250 When 5140, 5440 IO, 5450, 5450A IO, 5450I, 5450I-A IO, 5450I-A-T IO, 5450I-T IO, 5450-A IO, 5450-A-T IO, 5450-T IO, 5450-G IO, 5450-G-T IO, 5450-G-A IO, 5450-G-A-T IO, 5450-G-T-A IO, 5450-G-T-T IO, 5450-A-T-I, 5450-A-T-I-T, 5450-G-T-I, 5450-G-T-I-T	1. Support Windows Vista platform 2. Support 5540-8-DT, 5610-8-DT, 5650-8-DT, 5650-8-DT-I and 5650-8-DT product.	N/A	N/A	N/A	N/A
1.7	As of 2006/2/14	Windows 95/98/ME, Windows NT, Windows 2000/XP/2003 x86 Edition	When 5140, 5150, 5250 When 5130, 5150, 5250 When 5140, 5440 IO, 5450, 5450A IO, 5450I, 5450I-A IO, 5450I-A-T IO, 5450I-T IO, 5450-A IO, 5450-A-T IO, 5450-T IO, 5450-G IO, 5450-G-T IO, 5450-G-A IO, 5450-G-A-T IO, 5450-G-T-A IO, 5450-G-T-T IO	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	5/8/2005	Windows 95/98/ME, Windows NT, Windows 2000/XP/2003 x86 Edition	When 5140, 5150, 5250 When 5130, 5150, 5250 When 5140, 5440 IO, 5450, 5450A IO, 5450I, 5450I-A IO, 5450I-A-T IO, 5450I-T IO, 5450-A IO, 5450-A-T IO, 5450-T IO, 5450-G IO, 5450-G-T IO, 5450-G-A IO, 5450-G-A-T IO, 5450-G-T-A IO, 5450-G-T-T IO	1. Support PIP Mode and Real Com Mode(RFC2217) Connection mode for When 5150. 2. Support Windows x64 Edition. 3. Support new When 5130, 5150, 5250, 5450-5-S IC, 5450-5-S IC model.	1. Move nportcsv.dll to nport.dll to cover all Moxa When product.	N/A	1. Fixed UDTS_ERRLog_INABOUGHT_CHAR bug. 2. Support Xeon 8GHz. 3. Fixed UDTS_ERRLog_ARPT_CONNERR bug for protocol from system hash. 4. Fixed Access Lite Vb. nport.cmd import configuration did not match.	N/A
1.5	9/16/2003	When 5140 When 5141, 5150, 5151, 5250 When 5440, 5450, 5450A When 5450I, 5450I-A When 5450-G, 5450-G-A When 5450-A, 5450-A-T When 5130, 5150, 5250 When 5130	1. Support new Series of Firmware 2.0. 2. Add new When 5k model series. 3. Add auto execute function.	N/A	N/A	N/A	1. Fix high CPU loading with Hyper Threading system. 2. Fix COM Mapping mouse mickey problem when re-configure in Configuration.	N/A
1.4	1/16/2003	When 5140 When 5141, 5150, 5151, 5250 When 5440, 5450, 5450A, 5450I When 5450, 5450I	1. Support When 5610-x(Lite Vs 5E6.04)	N/A	N/A	N/A	N/A	N/A
1.3	12/5/2002	When 5140 When 5141, 5150, 5151, 5250 When 5440, 5450, 5450A, 5450I When 5450, 5450I	1. Support When 5140.	N/A	1. Improve Administrator tool bar. 2. Rectified error in change Firmware operating mode to Real COM mode after mapping COM Port.	N/A	N/A	N/A
1.2	12/26/2001	N/A	N/A	N/A	1.Remote IP can't display in Port Monitor of When 141 in when the Port Monitor is closed. This version fixed this bug. 2.Add new "Test Flash" function in COM Mapping. 3.Moxa Lite Vb. can't work when only one port is mapping in Configuration and does not receiving network of nonexistin IPs. This version fixed this	N/A	N/A	N/A
1.0	3/17/2001	N/A	N/A	N/A	N/A	N/A	N/A	N/A