PComm Lite - Serial Communication Tool Release Notes

Version: v1.9	Build: 25121212
Release Date: Dec 12, 2025	

Applicable Products

CA-104 Series, CA-108 Series, CA-114 Series, CA-132/132I Series, CA-134I Series, CB-108 Series, CB-114 Series, CB-134I Series, CN2510 Series, CN2600 Series, CP-102E/102EL Series, CP-102N Series, CP-102U/102UL Series, CP-104EL-A Series, CP-104N Series, CP-104UL/104JU Series, CP-112N Series, CP-112UL Series, CP-114EL Series, CP-114N Series, CP-114UL Series, CP-116E-A, CP-118E-A-I/138E-A-I Series, CP-118EL-A, CP-118U/138U Series, CP-132EL Series, CP-132N Series, CP-132UL Series, CP-134EL-A-I Series, CP-134N Series, CP-134U Series, CP-168EL-A, CP-168U Series, MiiNePort E1 Series, MiiNePort E2 Series, MiiNePort E3 Series, NE-4100 Series, NE-4100-ST Series, NPort 5000AI-M12 Series, NPort 5100 Series, NPort 5100A Series, NPort 5200 Series, NPort 5200A Series, NPort 5400 Series, NPort 5600 Series, NPort 5600-DT Series, NPort 6100-G2/6200-G2 Series, NPort 6100/6200 Series, NPort 6400/6600 Series, NPort Express Series, NPort IA5000 Series, NPort IA5000-G2 Series, NPort IA5000A Series, NPort P5150A Series, NPort S8000 Series, NPort S9450I Series, NPort S9650I Series, NPort W2150A-W4/W2250A-W4 Series, POS-104UL Series, UPort 1100 Series, UPort 1200-G2 Series, UPort 1200/1400/1600 Series, UPort 1400-G2 Series, UPort 1600-8-G2 Series, UPort 2210/2410 Series

Supported Operating Systems

Windows

New Features

• Adds arm64 platform support for Port Sniffer.

Enhancements

N/A

Bugs Fixed

• Port Sniffer crashes when the log ID is greater than 1874919425.

Changes

• Port Sniffer only supports Windows 10 or later versions because of end-of-life of earlier Windows versions and no WHQL certification support from Microsoft.

Notes

N/A

Version: v1.8	Build: 25082715
Release Date: Aug 27, 2025	

Applicable Products

CA-104 Series, CA-108 Series, CA-114 Series, CA-132/132I Series, CA-134I Series, CB-108 Series, CB-114 Series, CB-134I Series, CN2510 Series, CN2600 Series, CP-102E/102EL Series, CP-102N Series, CP-102U/102UL Series, CP-104EL-A Series, CP-104N Series, CP-104UL/104JU Series, CP-112N Series, CP-112UL Series, CP-114EL Series, CP-114N Series, CP-114UL Series, CP-116E-A, CP-118E-A-I/138E-A-I Series, CP-118EL-A, CP-118U/138U Series, CP-132EL Series, CP-132N Series, CP-132UL Series, CP-134EL-A-I Series, CP-134N Series, CP-134U Series, CP-168EL-A, CP-168U Series, MiiNePort E1 Series, MiiNePort E2 Series, MiiNePort E3 Series, NPort 5000AI-M12 Series, NPort 5100 Series, NPort 5100A Series, NPort 5200 Series, NPort 5200A Series, NPort 5400 Series, NPort 5600 Series, NPort 5600-DT Series, NPort 6100-G2/6200-G2 Series, NPort 6100/6200 Series, NPort 6400/6600 Series, NPort Express Series, NPort IA5000 Series, NPort IA5000-G2 Series, NPort IA5000A Series, NPort P5150A Series, NPort S8000 Series, NPort S9450I Series, NPort S9650I Series, NPort W2150A-W4/W2250A-W4 Series, POS-104UL Series, UPort 1100 Series, UPort 1200-G2 Series, UPort 1200/1400/1600 Series, UPort 1400-G2 Series, UPort 1600-8-G2 Series, UPort 2210/2410 Series

Supported Operating Systems

Windows

New Features

N/A

Enhancements

• Updates C example project to support Visual Studio 2022.

Bugs Fixed

N/A

Changes

N/A

Notes

N/A

Version: v1.7	Build: 23061917
Release Date: Jun 19, 2023	

Applicable Products

CP-102E/102EL Series, CP-102N Series, CP-102U/102UL Series, CP-104EL-A Series, CP-104N Series, CP-104UL/104JU Series, CP-112N Series, CP-112UL Series, CP-114EL Series, CP-114N Series, CP-114UL Series, CP-116E-A, CP-118E-A-I/138E-A-I Series, CP-118EL-A, CP-118U/138U Series, CP-132EL Series, CP-132N Series, CP-132UL Series, CP-134EL-A-I Series, CP-134N Series, CP-134U Series, CP-168EL-A, CP-168U Series, NPort 5000AI-M12 Series, NPort 5100 Series, NPort 5100A Series, NPort 5200 Series, NPort 5200A Series, NPort 5400 Series, NPort 5600 Series, NPort 5600-DT Series, NPort 6100/6200 Series, NPort 6400/6600 Series, NPort Express Series, NPort IA5000 Series, NPort IA5000A Series, NPort IA5000A-I/O Series, NPort IAW5000A-I/O Series, NPort P5150A Series, NPort S8000 Series, NPort S9450I Series, NPort S9650I Series, NPort W2150A-W4/W2250A-W4 Series, NPort W2150A/W2250A Series, UPort 1100 Series, UPort 1200-G2 Series, UPort 1200/1400/1600 Series, UPort 1400-G2 Series, UPort 1600-8-G2 Series, UPort 2210/2410 Series

Supported Operating Systems

Windows, Windows 10, Windows 11, Windows 2000, Windows 7, Windows 8, Windows 8.1, Windows ME, Windows NT, Windows Server 2003, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019, Windows Server 2022, Windows Vista, Windows XP

New Features

• Adds support for UPort 1200-G2, UPort 1400-G2, and UPort 1600-8-G2 Series.
• Adds Moxa Sniffer tool for analyzing the Win 32 serial API for debugging.

Enhancements

N/A

Bugs Fixed

• PComm Terminal cannot receive UDP data when the data size is greater than 128 bytes.

Changes

N/A

Notes

The following tools are included:
- Terminal Emulator: For serial products including non-Moxa products
- Diagnostic Utility: Only for Moxa products Multiport Serial Boards and UPort 1200-G2/1400-G2/1600-8-G2 Series
- Monitor Utility: Only for Moxa products Multiport Serial Boards and UPort 1200-G2/1400-G2/1600-8-G2 Series
- Performance Analyzer: Only for Moxa products NPorts, UPorts, and Multiport Serial Boards
- Port Sniffer: For serial products including non-Moxa products
- PComm Library: For serial products including non-Moxa products

Version: v1.6	Build: 20120421
Release Date: May 14, 2012	

Applicable Products

USB-to-Serial Converters, Multiport Serial Boards, Serial Device Servers

Supported Operating Systems

Windows 2000, Windows 7, Windows Server 2003, Windows Server 2008, Windows Server 2008 R2, Windows Vista, Windows XP

New Features

• Added byte transmit/receive counter in PComm Terminal.
• PComm Terminal supports pasting clipboard content to terminal.

Enhancements

• Different versions of PComm Lite 2000 can be installed on the same PC.
• Performance Analyzer can store previous configurations of the COM port list.
• PComm Terminal users can set history depth in ANSI and VT100 mode.

Bugs Fixed

• PComm Terminal could not locate system file ws2_32.dll in Windows 2000 and Windows XP.
• In the Send Pattern function, an individual port cannot be stopped but all ports can be stopped simultaneously.

Changes

N/A

Notes

• Terminal Emulator: Supports all serial products, including non-Moxa products.
• Diagnostic Utility: Supports Moxa Multiport Serial Boards.
• Monitor Utility: Supports Moxa Multiport Serial Boards.
• Performance Analyzer: Supports Moxa Multiport Serial Boards, UPort Series, and NPort Series.
• PComm Library: Supports all serial products, including non-Moxa products.

Version: v1.5	Build: N/A
Release Date: N/A	

Applicable Products

USB-to-Serial Converters, Multiport Serial Boards, Serial Device Servers

Supported Operating Systems

Windows 2000, Windows 7, Windows Server 2003, Windows Server 2008, Windows Server 2008 R2, Windows Vista, Windows XP

New Features

• Supports Windows 2008/2008 R2 (x86/x64).
• Supports HEX code display for dumb mode.
• Supports linear baud rate configuration.
• Supports send pattern for multiple COM ports.
• Supports data file pattern.
• Supports interval time between sending two patterns.
• Supports network communication: TCP Server/Client, UDP.
• Supports auto line wrap.
• Supports customizing terminal size.
• Supports DTR/DSR flow control configuration.
• Supports Performance Analyzer.

Enhancements

• ncludes VC project example code for PComm library
• Read method using RX_CHAR event.
• Supports opening multiple COM ports.
• Log files can be stored in a specified path/link.

Bugs Fixed

N/A

Changes

N/A

Notes

• Terminal Emulator: Supports all serial products, including non-Moxa products.
• Diagnostic Utility: Supports Moxa Multiport Serial Boards.
• Monitor Utility: Supports Moxa Multiport Serial Boards.
• Performance Analyzer: Supports Moxa Multiport Serial Boards, UPort Series, and NPort Series.
• PComm Library: Supports all serial products, including non-Moxa products.

Version: v1.4	Build: N/A
Release Date: N/A	

Applicable Products

Multiport Serial Boards, Serial Device Servers, USB-to-Serial Converters

Supported Operating Systems

Windows 2000, Windows 7, Windows Server 2003, Windows Vista, Windows XP

New Features

• Supports Windows Vista/7.

Enhancements

• VT100 added "DEL" key support.
• Modified all online help to HTML format.
• PComm Lite supports up to COM1024.

Bugs Fixed

• Updated PComm.dll to fix ASCII tx causing VB program to hang if tx is held by CTS flow control.

Changes

N/A

Notes

• Terminal Emulator: Supports all serial products, including non-Moxa products.
• Diagnostic Utility: Supports Moxa Multiport Serial Boards.
• Monitor Utility: Supports Moxa Multiport Serial Boards.
• Performance Analyzer: Supports Moxa Multiport Serial Boards, UPort Series, and NPort Series.
• PComm Library: Supports all serial products, including non-Moxa products.

Version: v1.3	Build: N/A
Release Date: N/A	

Applicable Products

Multiport Serial Boards, Serial Device Servers, USB-to-Serial Converters

Supported Operating Systems

Windows 2000, Windows Server 2003, Windows XP

New Features

• Utilities support Moxa MSB x64 driver.
• PComm Library supports Windows x64 Edition (AMD64, EM64T). For cross development, x86 & x64 library will both be installed.

Enhancements

• PComm Terminal display performance.

Bugs Fixed

• PComm Terminal status bar display problem.
• PComm Terminal display problem with Moxa UC Series/EtherDevice/W2004 console.

Changes

N/A

Notes

• Terminal Emulator: Supports all serial products, including non-Moxa products.
• Diagnostic Utility: Supports Moxa Multiport Serial Boards.
• Monitor Utility: Supports Moxa Multiport Serial Boards.
• Performance Analyzer: Supports Moxa Multiport Serial Boards, UPort Series, and NPort Series.
• PComm Library: Supports all serial products, including non-Moxa products.