

Model Information



■ Features

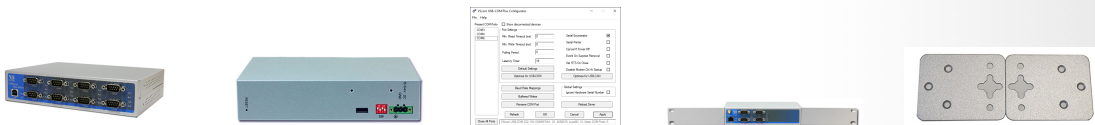
- 8 x RS232 ports
- USB 2.0 High Speed interface
- USB, serial ports and power supply ESD protected
- Robust metal case
- Serial speed max. 1000 kbps
- 19-inch and Wall mounting options
- Bus powered or ext. DCin 9-54V
- Easy port expansion via USB-Out type A connector
- Wide range operating temperature (-25°C - +75°C)

[Contact Online...](#)

USB-8COM Plus 232 (USB-8COM-M)

Quick Link: | [Features](#) | [More Pictures](#) | [Overview](#) | [USB Interface](#) | [Serial Interface](#) | [Software](#) | [Power and Environment](#) | [Standards](#) | [Ordering Information](#) | [Options](#) | [Packaging](#) |

■ More Pictures



Click on the thumbnails for the large picture ...

[>Back to top](#)

■ Overview

The modern USB-8COM Plus 232 adapter connects 8 x RS232 devices to your PC by one USB 2.0 High Speed port. The serial ports, USB and the power supply are ESD protected, compliant to IEC 61000-4-2 (8kV contact/16kV air discharges). USB-8COM Plus 232 may work in bus-powered mode on stronger than minimum ports, but a DCin connector for external wide range voltage is provided.

All serial ports support RS232. Standard Drivers are available for all major operating systems.

The USB 2.0 High-Speed enables serial data rates of up to 1000kbps. The device also allows every non-standard bitrate.

A USB-out (type A) connector at the rear side allows easy expansion of serial ports by simple concatenation of further USB-COM Plus modules; we call it "USB-Through" feature.

■ USB Interface

USB-Input	USB 2.0 High Speed, USB 1.1 compliant
Connector	USB type B
Protection	Compliant with IEC 61000-4-2 ESD 8kV contact / 16kV air discharge
USB-Out	USB 2.0 High Speed, USB 1.1 compliant
Connector	USB type A (at rear side) Used to connect more USB-(x)COM modules for port expansion.
Protection	Compliant with IEC 61000-4-2 ESD 8kV contact / 16kV air discharge

[>Back to top](#)

Serial Interface	
Ports	<ul style="list-style-type: none"> • 8 x RS232 • Connector DSub-9 male
Speed	180bps - 921.6/1000kbps
Signals	TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND
Protection	Compliant with IEC 61000-4-2 ESD 8kV contact / 16kV air discharge

[>Back to top](#)

Software	
Driver	<ul style="list-style-type: none"> • Windows 2000 to Windows 10 (x86 and x64) • Windows Server 2000 to 2012 (x86 and x64) • Linux (Kernel 2.6 and later built-in) • Mac OS X

Installation by automatic download from the Internet

[>Back to top](#)

Power and Environment	
Power Consumption	<ul style="list-style-type: none"> • Bus powered: 5V 600mA via USB • Self powered: DCin 9 - 54V, 5W
USB Supply	Most USB ports provide 600mA, more than the specification. Use the DCin supply otherwise, this is compulsory to support USB-Out.
DCin Supply	<ul style="list-style-type: none"> • DCin specs: Wide range 9 - 54V DC, 5W • Connector: 3-pin industrial Terminal Block (Plus / Minus / Protective Earth)
DCin Protection	Compliant with IEC 61000-4-2 ESD 8kV contact / 16kV air discharge
Dimension	196×147×44 mm ³ (W×L×H)
Operating Temp	-25°C - 75°C
Storage Temp	-30°C - 85°C
Case	SECC sheet metal (0.8mm)
Weight	0.9kg
Mounting	<ul style="list-style-type: none"> • 19-inch Rack • Wall mount
LEDs	LEDs for Power, Ready, serial Tx, Rx

[>Back to top](#)

Standards	
Declarations	CE, FCC
EMI	<ul style="list-style-type: none"> • EN 55022 Class B • EN 61000-3-2: Limits of harmonic current emissions • EN 61000-3-3: Limitation of voltage changes • 47 CFR FCC Part 15 Subpart B
EMS (EN 55024)	<ul style="list-style-type: none"> • EN 61000-4-3: Radiated RFI • EN 61000-4-4: Electrical Fast Transient • EN 61000-4-5: Surge • EN 61000-4-6: Induced RFI • EN 61000-4-8: Power Frequency Magnetic Field • EN 61000-4-11: Power supply dips
ESD	EN 61000-4-2 4kV contact 8kV air for <ul style="list-style-type: none"> • Serial Ports • USB • DC Power connector

[>Back to top](#)

Ordering Information	
6612	USB-8COM Plus 232 (8x RS232, non-isolated, expandable)

[>Back to top](#)

■ Options

6031

DC Power supply adapter 12V @ 1A

661

Serial Null-Modem adapter 9PF-9PF, change male to female

[>Back to top](#)

■ Packaging

Packing list

- USB-8COM Plus 232 device
- USB 2.0 High-Speed cable
- Mounting brackets for 19-inch rack
- Wallmount plates
- Terminal block for Power Supply
- 4 rubber feet for table mode

[>Back to top](#)

USB-8COM Plus 232

[>Back](#)



USB-8COM Plus back side

[>Back](#)



USB-COM Plus Configurator

[>Back](#)

VScom USB-COM Plus Configurator

File Help

Present COM-Ports Show disconnected devices

COM3
COM4
COM6

Port Settings

Min. Read Timeout (ms): Serial Enumerator

Min. Write Timeout (ms): Serial Printer

Polling Period: Cancel If Power Off

Latency Timer: Event On Surprise Removal

Set RTS On Close

Disable Modem Ctrl At Startup

Default Settings

Optimize for USB-COM

Optimize for USB-CAN

Baud Rate Mappings

Buffered Writes

Rename COM Port

Global Settings

Ignore Hardware Serial Number

Reload Driver

Refresh OK Cancel Apply

Close All Ports

VScom USB-COM 232, SN: DN6NP3AA, ID: 4036015, LocalID: 31; Open COM Ports: 0

Rackmount Kit

[>Back](#)



Wall Mounting Kit

[>Back](#)

