

Model Information



■ Features

- **Now available!**
- 2 x RS232 ports on RJ45 connector
- USB 2.0 Full Speed interface
- USB and serial ports ESD protected
- Robust & small metal case
- Serial speed max. 460.8 (500) kbps
- DIN-Rail and Wall mount options
- Bus powered, no external power supply
- Wide range operating temperature (-25°C - +75°C)

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USB-2COM ECO (USB-2COM-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-2COM ECO adapter connects 2 x RS232 devices to your PC via a USB 2.0 Full Speed port. The serial ports and USB are ESD protected. Standard Drivers are available for all major operating systems.

The USB 2.0 Full-Speed enables serial data rates of up to 460.8 (500) kbps. Every non-standard bitrate can be used. Using RJ45 connectors together with CAT5 cables helps for noise reduction on serial transmissions. Longer CAT5 cables are less costly and RJ45-to-DB9M(ART# 6062) adapters easy interface to DB9 wiring. The USB-2COM ECO is the successor of the VScom USB-2COM-M.

■ USB Interface

USB-Input	USB 2.0 Full Speed, USB 1.1 compliant
Connector	USB type B

[>Back to top](#)

■ Serial Interface

Ports	2 x RS232 • Connector RJ45 • Adapter to DSub9 male via CAT5 cable (option)
Speed	180bps – 460.8/500kbps
Signals	TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND

[>Back to top](#)

■ Software

Driver

- 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

Connector	USB bus powered, no external supply
Power	5V@60mA via USB port; max. 0.3W
Protection	Compliant with IEC 61000-4-2 ESD 8kV contact / 16kV air discharge
Dimension	50×74×22 mm ³ (W×L×H) Case 72×74×22 mm ³ (W×L×H) with mounting wings
Operating Temp.	−25°C - +75°C
Storage Temp	−30°C - 85°C
Case	SECC sheet metal (0.8mm)
Weight	130 g
Mounting	Desktop use • DIN-Rail (optional) • Wall mount
LEDs	LEDs for Power (Red), for each port serial Tx/Rx (Green/Yellow)

[>Back to top](#)

■ Standards

Declarations	CE, FCC
EMI	• EN 55022 Class B • 47 CFR FCC Part 15 Subpart B
EMS (EN 55024)	• 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 • Serial Ports • USB

[>Back to top](#)

■ Ordering Information

614	USB-2COM ECO (2x RS232)
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[>Back to top](#)

■ Options

662	DK 35A DIN-Rail mounting kit
6062	DB9M-TO-RJ45, Adapter CAT5 to DSub9-male Use own CAT5 cable for attaching
661	Serial Null-Modem adapter 9PF-9PF, change male to female

[>Back to top](#)

■ Packaging

Packing list	• USB-2COM ECO device • USB 2.0 High-Speed cable • 4 rubber feet for table mode
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[>Back to top](#)

USB-2COM ECO

[>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):

Min. Write Timeout (ms):

Polling Period:

Latency Timer:

Default Settings

Optimize for USB-COM

Serial Enumerator ☒

Serial Printer ☐

Cancel If Power Off ☐

Event On Surprise Removal ☐

Set RTS On Close ☐

Disable Modem Ctrl At Startup ☐

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

Adapter to DB9 male (via Cat5)

[>Back](#)

