

## Model Information



### ■ Main Features

- USB 2.0 to 4 x RS232 ports
- High-Speed serial ports 460.8kbps
- Driver for Windows, Linux, Mac OS X
- LEDs for Power/Ready and TxD/RxD activity
- ESD protection on USB and serial ports
- Bus powered
- Ruggedized metal housing
- DIN-Rail and wall mount options
- Wide range of operating temperatures

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# USB-4COM ECO (USB-4COM-M)

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### ■ More Pictures



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### ■ Overview

The USB-4COM ECO provides easy serial port expansion over USB 2.0 connecting to high speed RS232 devices. All USB-xCOM Eco converters are fully ESD and surge protected, bus powered and accommodated in a small metal case. Furthermore, it can operate across a large range of temperatures to cope with harsh operating conditions. Lastly, DIN-Rail and wall-mounting options are available.

#### Easy Serial Ports Configuration

The serial ports support all 9 signals of RS232 protocol. LEDs for PWR, RDY and TxD/RxD for each port clearly show the activity status for the user. Com Port drivers are available for Windows, Linux and Mac OS X. "USBCOM Configuration Utility" allows easy access to special Windows driver options to optimise settings and performance.

#### High Speed Rates and ESD Protection

USB 2.0 High Speed connection allows serial data rates of up to 460.8kbps. Every non-standard bitrate (e.g. 31250bps for MIDI) can easily be set up. USB-xCOM ECO systems are fully ESD protected at the USB and serial port interfaces.

### ■ USB Interface

<b>USB-Input</b>	USB 2.0 High Speed, USB 1.1 compliant
<b>Connector</b>	USB type B
<b>Circuits</b>	FTDI FT4232H Genesys GL850G

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### ■ Serial Interface

<b>No. of Ports/Type</b>	4 x RS232
<b>Connector</b>	DB-9 male

<b>Protection</b>	16kV ESD surge protection
<b>Signals</b>	TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND
<b>Data Bits</b>	7, 8
<b>Stop Bits</b>	1, 2
<b>Parity</b>	None, Even, Odd, Mark, Space
<b>Flow Control</b>	RTS/CTS, XON/XOFF
<b>Baudrate</b>	180bps - 460.8/500kbps
<b>LEDs</b>	TxD/RxD for each port

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<b>Drivers</b>	<ul style="list-style-type: none"> <li>• Windows 2000 to Windows 10 (x86 and x64)</li> <li>• Windows Server 2000 to 2016 (x86 and x64)</li> <li>• Linux (Kernel 3.4 and later built-in)</li> <li>• Mac OS X</li> </ul>
<b>Installation</b>	The driver is already installed (Linux), or installs by automatic Download after Device connection (Windows).

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<b>Input Voltage</b>	5V (USB)
<b>Power Consumption</b>	max 250mA, 1.25W
<b>Connector</b>	USB Type B, bus powered, no external supply

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<b>Case</b>	0.8mm sheet metal
<b>Weight</b>	150g, w/h box 0.6kg
<b>Dimensions</b>	108×129×25 mm <sup>3</sup> (W×L×H)
<b>Packaged</b>	155×168×58 mm <sup>3</sup>
<b>Mounting</b>	Desktop use <ul style="list-style-type: none"> <li>• DIN-Rail (optional)</li> <li>• Wall mount (optional)</li> </ul>

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<b>Operating Temp</b>	-25°C - 75°C
<b>Storage Temp</b>	-30°C - 85°C
<b>Ambient Humidity</b>	5-95% non condensing

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

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<b>MTBF</b>	39.4 Years @ 25°C 22.7 Years @ 45°C	<a href="#">&gt;Back to top</a>
<b>Standard</b>	Telcordia (Bellcore) Standard; RelCalc. 5.0 BELL-7	<a href="#">&gt;Back to top</a>
<b>■ Warranty</b>		
<b>Warranty Period</b>	2 years	<a href="#">&gt;Back to top</a>
<b>■ Ordering Information</b>		
<b>621</b>	USB-4COM ECO (4x RS232)	<a href="#">&gt;Back to top</a>
<b>■ Options</b>		
<a href="#">6695</a>	DK ECO DIN-Rail 34mm mounting kit	
<a href="#">6693</a>	WK-NCP Wallmount kit	
<a href="#">661</a>	Serial Null-Modem adapter 9PF-9PF, change male to female	<a href="#">&gt;Back to top</a>
<b>■ Packaging</b>		
<b>Packing list</b>	<ul style="list-style-type: none"> <li>• USB-4COM ECO device</li> <li>• USB 2.0 High-Speed cable</li> <li>• 4 rubber feet for table mode</li> </ul>	<a href="#">&gt;Back to top</a>

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## USB-4COM ECO

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## USB-COM Plus Configurator

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VScom USB-COM Plus Configurator
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File Help

Present COM-Ports

COM3

COM4

COM6

Show disconnected devices

Port Settings

Min. Read Timeout (ms):	<input type="text" value="0"/>	Serial Enumerator	<input checked="" type="checkbox"/>
Min. Write Timeout (ms):	<input type="text" value="0"/>	Serial Printer	<input type="checkbox"/>
Polling Period:	<input type="text" value="0"/>	Cancel If Power Off	<input type="checkbox"/>
Latency Timer:	<input type="text" value="16"/>	Event On Surprise Removal	<input type="checkbox"/>
		Set RTS On Close	<input type="checkbox"/>
		Disable Modem Ctrl At Startup	<input type="checkbox"/>

<input type="button" value="Baud Rate Mappings"/>	<p>Global Settings</p> <p>Ignore Hardware Serial Number <input type="checkbox"/></p>
<input type="button" value="Buffered Writes"/>	<input type="button" value="Reload Driver"/>
<input type="button" value="Rename COM Port"/>	<input type="button" value="Reload Driver"/>

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

**DIN-Rail Kit**  
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## Wall Mount Plates

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