

# USB-to-Serial Interface Converters

USB-COM Series - RS232 and RS422/485 Ports at USB

**Model:**  
USB-COM Serie

**Platform:**

- PCI
- PXI/cPCI
- USB
- Other

**Functions:**

- Analog I/O
- Digital I/O
- Temp./°C
- Interfaces
- Instrument
- Logger
- Isolation
- Accessory
- Software



- USB-to-RS232 and USB-to-RS422/485 converter.
- Compact design, depending on model (see pictures):
  - Compact adaptor in **“mouse format”** with pluggable USB cable (~0.9 m, incl.). Size (mm) ~74 x 43 x 88. Power supply via USB: USB-COM, USB-2COM, USB-COMi, USB-COMi-SI.
  - Compact adaptor in **even smaller mini housing** with integrated USB cable. Power supply via USB. Size (mm) ~64 x 35 x 15: US232B, US232B/LC.
  - Robust plastic **desktop housing** with pluggable USB cable (~0.9 m, incl.). Power supply via external power adaptor (included). Size (mm) ca. 140 x 130 x 50: USB-4COM, USB-8COM, USB-2COMi (-SI), USB-4COMi (-SI).
- **USB-to-RS232 models:** Modem data and control lines TxD, RxD, RTS, CTS, DSR, DTR, DCD, RI, GND. **RS232 rates up to 230 Kbps**; send and receive FIFO.
- **USB-to-RS422/485 models:** Data and control lines RS422: TX, TX+, RX-, RX+, GND, RTS-, RTS+, CTS-, CTS+; RS485: Data+, Data-, GND. **RS422/485 rates up to 921,6 Kbps**; send and receive FIFO;
- Models SI: **Versions with isolation.**
- Drivers for Windows 98SE, 2000, XP.

**Ordering Codes:**

**USB-to-RS232 converter:**

**USB-COM** **USB-2COM**

USB-to-RS232 in “mouse format”, 1 or 2 ports

**USB-4COM** **USB-8COM**

USB-to-RS232, in silver desktop plastic housing with external power adaptor, 4 or 8 ports

**US232B**

USB-to-RS232 compact converter, 1 m USB cable integrated

**US232B/LC**

see US232B, but ~10 cm USB cable for use with notebooks

**USB-to-RS422/485 converter:**

**USB-COMi**

USB-to-RS422/485 in “mouse format”

**USB-COMi-SI**

see USB-COMi, but version with isolation

**USB-2COMi**

**USB-4COMi**

USB-to-RS422/485, in silver desktop plastic housing with external power adaptor, 2 or 4 ports

**USB-2COMi-SI**

**USB-4COMi-SI**

see above, but versions with opto-isolation

**Web Link:** [www.meilhaus.com/e\\_me](http://www.meilhaus.com/e_me)

**Overview: USB-to-Serial Interface Converter**

Model	USB-to...	Isolation	Rate	Design	Size (mm)	USB Cable
USB-COM	1 port RS232	-	230 kbps	“Mouse format”	74 x 43 x 88	~0,9 m incl., pluggable
USB-2COM	2 ports RS232	-	230 kbps	“Mouse format”	74 x 43 x 88	~0,9 m incl., pluggable
USB-4COM	4 ports RS232	-	230 kbps	Desktop housing	140 x 130 x 50	~0,9 m incl., pluggable
USB-8COM	8 ports RS232	-	230 kbps	Desktop housing	140 x 130 x 50	~0,9 m incl., pluggable
US232B	1 port RS232	-	230 kbps	Mini compact	64 x 35 x 15	~0,9 m integrated
US232B/LC	1 port RS232	-	230 kbps	Mini compact	64 x 35 x 15	~10 cm integrated
USB-COMi	1 port RS422/485	-	921.6 kbps	“Mouse format”	74 x 43 x 88	~0,9 m incl., pluggable
USB-COMi-SI	1 port RS422/485	√	921.6 kbps	“Mouse format”	74 x 43 x 88	~0,9 m incl., pluggable
USB-2COMi	2 ports RS422/485	-	921.6 kbps	Desktop housing	140 x 130 x 50	~0,9 m incl., pluggable
USB-2COMi-SI	2 ports RS422/485	√	921.6 kbps	Desktop housing	140 x 130 x 50	~0,9 m incl., pluggable
USB-4COMi	4 ports RS422/485	-	921.6 kbps	Desktop housing	140 x 130 x 50	~0,9 m incl., pluggable
USB-4COMi-SI	4 ports RS422/485	√	921.6 kbps	Desktop housing	140 x 130 x 50	~0,9 m incl., pluggable