

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

USB-4COM	USB-8COM
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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
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