

Agilent E5805A USB/4-Port RS232 Interface

Features

- Easy connection from standard USB port on your PC to up to four RS-232 instruments or devices
- Fully compatible with Windows COM driver and industry-standard VISA I/O software

Best for

- Easy connection to RS-232 devices
- Notebook computer RS-232 connection

Add four serial ports in minutes

The Agilent E5805A USB/4-port RS232 interface provides a direct connection from the USB port on our notebook or desktop PC to up to four RS-232 instruments or devices. There are no switches to set, no PC cards to install, and no external power supplies are required. Simply install the driver and plug in the E5805A USB 4-port RS232 interface to add four RS-232 ports to your computer.

Since the E5805A is a standard Plug-and-Play device, your computer automatically detects and configures it when it is connected to your computer USB port. You can interface up to four devices, with baud rates up to 230 Kb/s per serial port. The E5805A provides four DB9 serial connectors and ships with a 1.8-meter USB cable.



Turn your USB port into 4 additional RS-232 ports

E5805A technical specifications

General requirements

Minimum system requirements	Windows 98(SE)/Me (note 98 supported with version 14.0 only)/2000/XP A USB port
Software required	E5805A driver (included)
Software recommended	Agilent IO Libraries Suite (included); see system requirements on page 1
Supported standards	USB 1.1 (fully compatible with USB 2.0) EIA-232

General characteristics

Power	USB bus-powered device, +5 V, 500 mA (max), 200 mA (typ)
Support for USB hubs	Self-powered hubs
Connectors	Standard USB A, RS-232 (9-pin) on each port
Cable	1.8 meter USB, USB A (host side) to USB B (device side)
Maximum data rates	230 Kb/s per port
RS-232 baud rates	300, 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200, 230400 b/s
RS-232 flow control	None, RTS/CTS, XON/XOFF, DTR/DSR
RS-232 parity	None, Odd, Even, Space, Mark
RS-232 bits	5, 6, 7, 8
RS-232 Stop bits	1, 2
RS-232 SRQ interrupts	on RI, DSR, DCD, CTS (using IO libraries)
Maximum instrument connections	4 RS-232 instruments/devices
Configuration	Plug-and-Play
Indicators	Tri-state LED displays device status and COM port activity
EMC and safety *	CISPR 22 Class B CISPR 24 IEC 60950
Warranty	1 year

Dimensions

Length, width, and height	111 mm (L) x 183 mm (W) x 26 mm (H)
Weight	0.311 kg

Environmental specifications

Operating environment	0°C to 55°C
Operating Humidity	Up to 90% at 40°C non-condensing
Storage environment	-40°C to +70°C
Storage humidity	Up to 90% at 65°C non-condensing

* Additional detail and information in the Declaration of Conformity