

24in Internal USB Motherboard Header to Serial RS232 Adapter - TAA

Product ID: ICUSB232INT1



The ICUSB232INT1 USB to RS232 Serial Adapter lets you add an RS232 port to any desktop system that is equipped with an available USB motherboard header.

Unlike standard USB to serial cables, this cable is designed for use inside the PC case, affording an entirely internal solution with no mess or extra adapters needed.

This compact and simple USB adapter offers a cost-effective solution that bridges the compatibility gap between modern computers and legacy serial peripherals.

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility



Applications

- Perfect for system builders looking to add legacy functionality to newer motherboards that lack an integrated RS232 port
- Connect, monitor and control industrial/automotive sensors and equipment
- Connect bar code scanners, receipt printers and other serial devices to an internal USB motherboard header
- Connect a satellite receiver, serial modem, or PDA with serial sync
- Connect and program LED and Digital signage boards with serial communication ports

Features

- USB Header to Straight-Through RS232 Serial
- Bus-Powered – no separate power supply or battery required
- Supports COM port retention
- Single chip USB to asynchronous serial data transfer interface
- UHCI/OHCI/EHCI host controller compatible
- USB 2.0 Full Speed compatible
- Synchronous and asynchronous bit bang interface options with RD# and WR# strobes
- FIFO receive and transmit buffers for high data throughput.

Hardware

Warranty	2 Years
Ports	1
Interface	Serial
Bus Type	Motherboard Header
Card Type	Standard Profile (LP bracket incl.)
Port Style	Integrated on Card
Chipset ID	FTDI - FT232RL

Performance

Serial Protocol	RS-232
Max Baud Rate	115.2 Kbps

Data Bits	7, 8
FIFO	256 Bytes
Parity	None, Odd, Even, Space, Mark
Stop Bits	1, 2

Connector(s)

Internal Ports	1 - IDC (10 pin, Motherboard Header)
External Ports	1 - DB-9 (9 pin, D-Sub)

Software

OS Compatibility	Windows CE (4.2, 5.0, 6.0), XP Embedded, 98SE, 2000, XP, Vista, 7, 8, 8.1, 10, 11, 11 ARM Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016, 2019, 2022, 2025 macOS 10.6 to 10.15, 11.0, 12.0, 13.0, 14.0, 15.0, 26.1 Linux Kernel 3.0.x and up - LTS Versions only
Microsoft WHQL Certified	Yes

Environmental

Operating Temperature	-10C to 80C (14F to 176F)
Storage Temperature	-20C to 100C (-4F to 212F)
Humidity	5~85% RH

Physical Characteristics

Color	Green
Material	Steel
Cable Length	2.0 ft [0.6 m]
Product Length	1.8 in [45 mm]
Product Width	4.8 in [12.3 cm]
Product Height	0.5 in [1.2 cm]
Weight of Product	1.1 oz [31 g]

Packaging

Information

Package Quantity	1
Package Length	5.6 in [14.3 cm]
Package Width	6.9 in [17.5 cm]
Package Height	1.3 in [3.3 cm]
Shipping (Package) Weight	4.3 oz [122.0 g]

What's in the Box

Included in Package	1 - USB to RS232 Serial Adapter
	1 - Low profile bracket
	1 - Driver CD
	1 - Instruction Manual

Warranty Information

Warranty	2 Years
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****Product appearance and specifications are subject to change without notice.***