

Model Information



■ Main Features

- 2 x RS232 ports, ESD and surge protected
- 500 kbps max. baud rate for fast data transfer
- 64-Byte FIFO and on-chip H/W, S/W flow control
- Compatible with PCI and PCI-X, Plug and Play
- Low Profile form factor, STD and LP brackets
- Wide temp range -40° to +65°C
- Drivers for Windows XP / 7 / 8 / 10 and Linux
- Adapter cable 2 x DB9M included

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VScom 200H v4 UPCI (uPCI-200H)

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■ More Pictures



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■ Overview

The VScom 200H UPCI is a smart 2-ports Universal PCI serial card, designed for industrial automation and POS/ATM applications. VScom 200H UPCI runs with all major operating systems. The serial ports equipped with 64 byte FIFOs support data rates up to 500kbps and use full modem control signals for compatibility with a wide range of serial devices. The ports also allow every non-standard bitrate up to 500kbps. On-chip s/w and h/w flow control ensure quick reaction and so error free data transmission at high baud rates. Serial ports are ESD and surge protected.

The board can be plugged into Standard Height and Low-Profile PC cases. Mounted is the standard bracket, Low Profile is placed in the box. Also included is the adapter cable DB25F to 2 x DB9M (Pins and signals like on a PC).

■ Hardware Specifications

Ports	2x RS232 (Rx/D, Tx/D, RTS, CTS, DTR, DSR, DCD, RI)
UART	2x 16C850 (64 Byte FIFO, ON-Chip HW-/SW-Flow Control)
LED	LED for Tx/D and Rx/D on each port
Address	Plug and Play
Interrupts	PCI Plug and Play, only one interrupt/card
Speed	50bps – 500 kbps all standard bitrates available also non-standard bitrates possible (e.g. 500kbps)
Bus interface	Universal PCI 3.3V / 5.0V
Connectors	1x DB25F, adapter cable 2 x DB9 male
Low Profile	Extra bracket added for Low Profile case mounting
Temperature	-40°C – +65°C

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■ High Performance Features

FIFO	adjustable FIFO length, 1 up to 64 Bytes separat adjustable Rx and Tx
Handshake	RTS / CTS DTR / DSR Xon / Xoff all handshake automatic on Chip
Speed	50 bps up to 500 kbps all Baudrates possible
UART	UART emulation 16850
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■ Operating Systems	
Windows 2000 up to 10	High performance serial driver, x86 and x64 Editions
Linux	Kernel 3.0 and up: built-in support
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■ Dimensions	
Card Size	L120mm × H64mm
Card Weight	60g
Cable Weight	150g
Box Size	L165mm × W153mm × H62mm
Box Weight	230g
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■ Standards	
Declarations	CE, FCC
EMI	<ul style="list-style-type: none"> • EN 55022 Class B • 47 CFR FCC Part 15 Subpart B
EMS (EN 55024)	<ul style="list-style-type: none"> • EN 61000-4-3: Radiated RFI • EN 61000-4-4: Electrical Fast Transient • EN 61000-4-5: Surge • EN 61000-4-6: Induced RFI • EN 61000-4-8: Power Frequency Magnetic Field • EN 61000-4-11: Power supply dips
ESD	EN 61000-4-2 4kV contact 8kV air for Serial Ports
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■ MTBF (Mean Time Between Failures)	
MTBF	available soon
Standard	Telcordia (Bellcore) Standard; RelCalc. 5.0 BELL-7
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■ Warranty	
Warranty Period	2 years
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■ Ordering Information	
4432	Vscom 200H v4 UPCI
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■ Packaging	
Packing list	VScom 200H v4 UPCI card Adapter cable 2 Ports RS232 DSUB 9 male Extra bracket for Low Profile form factor
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* Specifications are subject to change without notice.

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With cabling

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