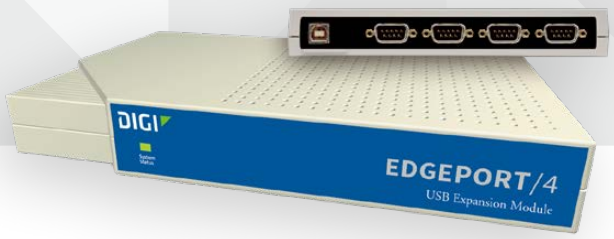
USB-TO-SERIAL
CONVERTERS



EDGEPORT

Easy out-of-the-box solution for I/O expansion is available in a wide variety of configurations for maximum flexibility and scalability

Digi Edgeport® USB-to-serial converters offer instant I/O expansion for peripheral device connectivity.

An out-of-the-box (external) alternative to PCI cards, Edgeport makes it easy to add serial and USB ports to a PC, server or thin client in minutes – without opening the chassis, reconfiguring or rebooting the system.

Edgeport is available in multiple configurations for maximum flexibility and scalability.

Choose from compact form factors for space-prohibitive applications; single port "bump-in-the-cable" solutions for notebook expansion; software-selectable RS-232/422/485 models to connect any type of serial device to one box; and DB-9 or DB-25 connectors to meet cabling requirements.

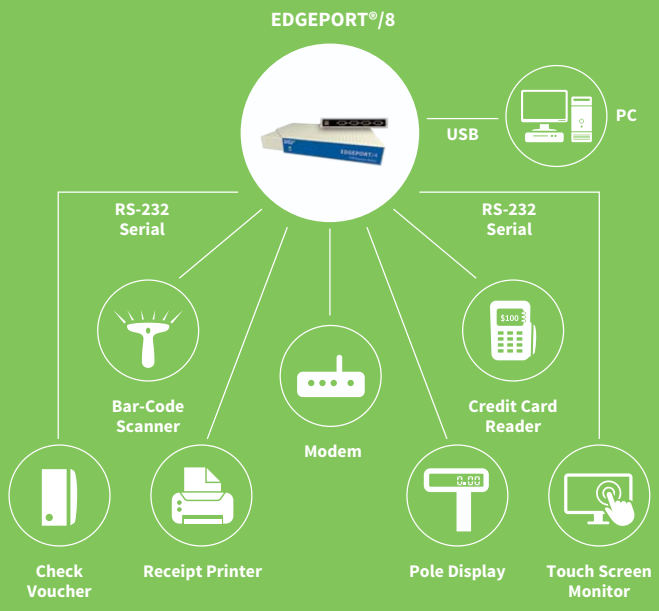
Feature-rich design, reliability and unmatched operating system support make Edgeport USB-to-serial converters ideal for mission-critical enterprise applications.

BENEFITS

- Add 1, 4, 8 or 16 serial ports to a PC, thin client or server in minutes
- Designed for peripheral device connectivity in retail stations, self check-out systems, emergency vehicles, kiosks, ATMs and more
- Software selectable MEI and industrial models
- Low total cost of ownership with external, user-installable solution

APPLICATION EXAMPLE

POS CONNECTIVITY



RELATED PRODUCTS



AnywhereUSB® Plus | Hubport® | Connectport® TS 16 | PortServer® TS 4 | Cables and Accessories

SPECIFICATIONS	Digi Edgeport® Serial	Digi Edgeport® Industrial
INTERFACES (VARIES BY MODEL)		
SERIAL PORTS	1, 4, 8 or 16	1, 4 or 8
SERIAL TYPE	RS-232	RS-422/485, software selectable RS-232/422/485
SERIAL CONNECTOR	DB-9, DB-25	DB-9
SERIAL DATA RATE	230 Kbps per port simultaneously	230 Kbps per port simultaneously
DOWNSTREAM USB PORTS	2 (16-port models only)	0
FEATURES		
USB	USB 1.0 and USB 1.1 compatible; backwards compatibility for USB 2.0 and USB 3.0; USB-IF certified; Plug and Play	
LEDS	LED displays device status and COM port activity	
OPERATING SYSTEMS	Windows Server® 2019, Windows Server® 2016, Windows 10®, Windows 8®, Windows 7®, Windows Vista®, Windows Server 2012, Windows Server 2008 R2, Windows XP®, Windows XP Embedded, Windows CE® 5, Windows CE 6 (x86 only), Windows Server 2003 R2, Windows 2000®; Linux	
CABLES	1-meter USB cable	1-meter USB cable
OTHER (GENERAL)	Automatic port reacquisition; COM port assignments maintained across reboots; Full hardware and software flow control; No additional IRQ or memory address requirements; Low power consumption; Rack mountable; Hot-swappable	
OTHER (MODEL-SPECIFIC)	N/A	N/A
POWER REQUIREMENTS		
POWER SUPPLY	External power supply not required for models without USB ports (USB powered); Models with USB ports (Edgeport/216) ship with power supply: 100/240 VAC 60/50 Hz at 5 VDC @ 3 Amps max	
ENVIRONMENTAL		
OPERATING TEMPERATURE	0° C to 55° C (32° F to 131° F)	0° C to 55° C (32° F to 131° F)
RELATIVE HUMIDITY	0% to 95% (non-condensing)	0% to 95% (non-condensing)
REGULATORY APPROVALS		
SAFETY	EN60950, UL 1950, CSA 2.2 No. 950, IEC 950	
EMISSIONS/IMMUNITY	CE, FCC Part 15 Class B, EN55022, EN55024	

SPECIFICATIONS

	Digi Edgeport® Measurements
	**EDGEPORT/1, 1i** Length: 8.00 cm (3.15 in) Width: 4.40 cm (1.75 in) Height: 2.03 cm (0.80 in) Weight: 45.36 g (1.60 oz)
	**EDGEPORT/4, 4S, 4 DB-25** Length: 11.05 cm (4.35 in) Width: 18.29 cm (7.20 in) Height: 2.61 cm (1.03 in) Weight: 311.00 g (10.00 oz)
	**EDGEPORT/8, 8S** Length: 11.05 cm (4.35 in) Width: 18.29 cm (7.20 in) Height: 4.45 cm (1.75 in) Weight: 453.59 g (16.00 oz)
	**EDGEPORT/216, EDGEPORT/8 DB-25** Length: 12.70 cm (5.00 in) Width: 43.118 cm (17.00 in)* Height: 4.53 cm (1.80 in) Weight: 1170.84 g (41.30 oz)

* 48.26 cm (19.0 in) with optional rack mount ears





PART NUMBERS	DESCRIPTION
301-1004-04	Edgeport/1 - 1 RS-232 serial DB-9
301-1001-15	Edgeport/1i - 1 RS-422/485 serial DB-9
EP-USB-4	Edgeport/4 - 4 RS-232 serial DB-9
EP-USB-4S	Edgeport/4s - 4 RS-232/422/485 serial DB-9; software selectable
EP-USB-4-D25	Edgeport/4 - 4 RS-232 serial DB-25
EP-USB-8	Edgeport/8 - 8 RS-232 serial DB-9
EP-USB-8S	Edgeport/8s - 8 RS-232/422/485 serial DB-9; software selectable
EP-USB-8-D25	Edgeport/8 - 8 RS-232 serial DB-25
EP-USB-216	Edgeport/216 - 2 USB; 16 RS-232 serial DB-9

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DIGI:

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