



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
- USB Plug and Play alternative to PCI cards
- 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
- Options for RS-232, RS-422 or RS-485 serial ports (software selectable) and rack-mount capability

RELATED PRODUCTS



AnywhereUSB®
Plus



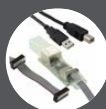
Hubport®



Connectport®
TS 16



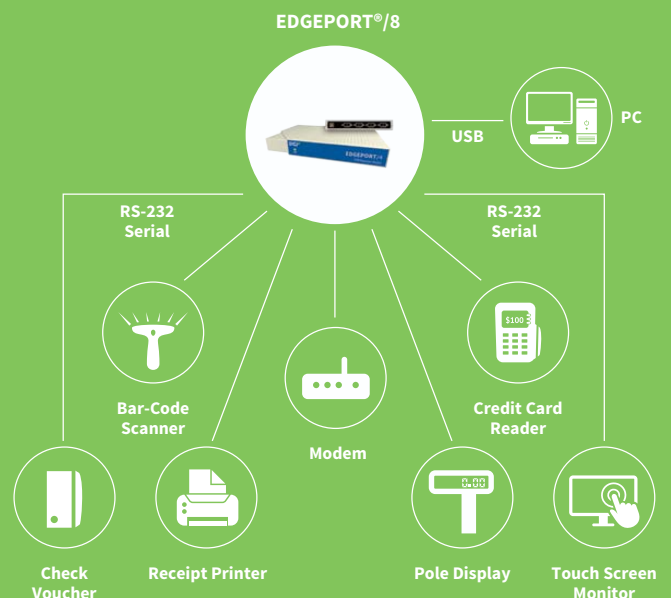
PortServer®
TS 4



Cables and
Accessories

APPLICATION EXAMPLE

POS CONNECTIVITY



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)

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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 Server 2012, Windows 10®, Windows 8.1®, Windows 7®, 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
301-1001-11	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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