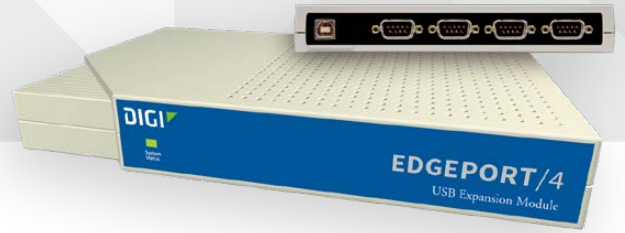




USB-TO-SERIAL  
CONVERTERS



# EDGEPORT®

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

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; models with galvanic isolated ports for extended electrical safety; 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

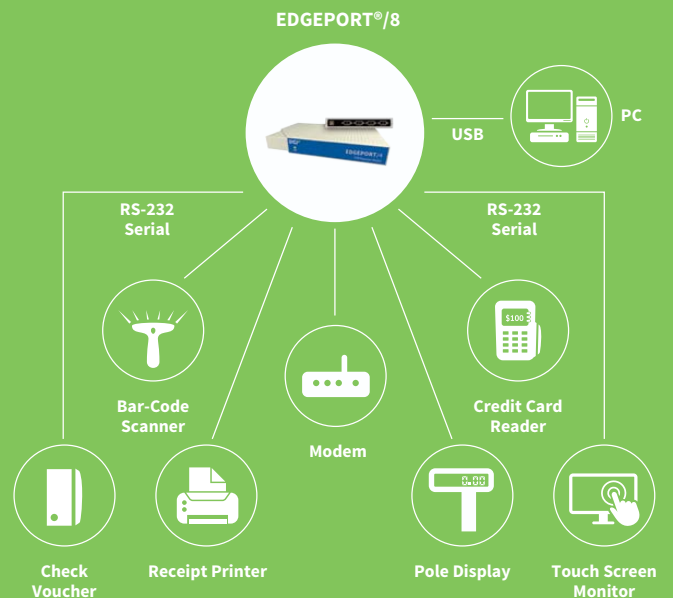
- Add 1, 2, 4, 8 or 16 serial ports to a PC, thin client or server in minutes
- Designed for peripheral device connectivity in retail stations, self check-out systems, emergency vehicles, kiosks, ATMs and more
- Software selectable MEI, galvanic isolated, industrial, and compact models
- Low total cost of ownership with external, user-installable solution

## RELATED PRODUCTS



## APPLICATION EXAMPLE

### POS CONNECTIVITY



## SPECIFICATIONS

Edgeport® Serial

| Edgeport® Extended Safety

| Edgeport® Industrial

| Edgeport® Compact

### INTERFACES (VARIES BY MODEL)

<b>SERIAL PORTS</b>	1, 2, 4, 8 or 16	4 (separately isolated)	1, 2, 4 or 8	2
<b>SERIAL TYPE</b>	RS-232	RS-232/422/485	RS-422/485, software selectable RS-232/422/485	RS-232
<b>SERIAL CONNECTOR</b>	DB-9, DB-25	DB-9	DB-9	DB-9
<b>SERIAL DATA RATE</b>	230 Kbps per port simultaneously	230 Kbps per port simultaneously	230 Kbps per port simultaneously	230 Kbps per port simultaneously
<b>DOWNSTREAM USB PORTS</b>	4 (16-port models only)	1 (separately isolated)	0	0

### FEATURES

<b>USB</b>	USB 1.0 and USB 1.1 compatible; backwards compatibility for USB 2.0 and USB 3.0; USB-IF certified; Plug and Play			
<b>LEDS</b>	Tri-state LED displays device status and COM port activity			
<b>OPERATING SYSTEMS</b>	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*, Sun Solaris® (SPARC)**			
<b>CABLES</b>	1-meter USB cable	1-meter USB cable	1-meter USB cable	Captive 2-meter cable for secure connection in rugged environments (mobile computing)
<b>OTHER (GENERAL)</b>	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			
<b>OTHER (MODEL-SPECIFIC)</b>	N/A	2.0 kV DC galvanic isolation on all ports	N/A	N/A

### POWER REQUIREMENTS

<b>POWER SUPPLY</b>	External power supply not required for models without USB ports (USB powered); Models with USB ports (Edgeport 416) ship with power supply: 100/240VAC 60/50 Hz at 5VDC @ 3 Amps max			USB powered
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### ENVIRONMENTAL

<b>OPERATING TEMPERATURE</b>	0° C to 55° C (32° F to 131° F)	0° C to 55° C (32° F to 131° F)	0° C to 55° C (32° F to 131° F)	0° C to 55° C (32° F to 131° F)
<b>RELATIVE HUMIDITY</b>	0% to 95% (non-condensing)	0% to 95% (non-condensing)	0% to 95% (non-condensing)	0% to 95% (non-condensing)

### REGULATORY APPROVALS

<b>SAFETY</b>	EN60950, UL 1950, CSA 2.2 No. 950, IEC 950	EN60950, UL 1950, CSA 2.2 No. 950, IEC 950	EN60950, UL 1950, CSA 2.2 No. 950, IEC 950	EN60950, UL 1950, CSA 2.2 No. 950, IEC 950
<b>EMISSIONS/IMMUNITY</b>	CE, FCC Part 15 Class B, EN55022, EN55024	CE, FCC Part 15 Class B, EN55022, EN55024	CE, FCC Part 15 Class B, EN55022, EN55024	CE, FCC Part 15 Class B, EN55022, EN55024

\*Driver support provided by Linux USB maintainers.

\*\*Driver support provided by Sun.

## SPECIFICATIONS

## Measurements



### EDGEPORT/1, 1I

Length: 3.15 in (8.00 cm)  
 Width: 1.75 in (4.40 cm)  
 Height: 0.80 in (2.03 cm)  
 Weight: 1.60 oz (45.36 g)



### EDGEPORT/2C

Length: 2.38 in (6.04 cm)  
 Width: 3.94 in (10.00 cm)  
 Height: 1.00 in (2.54 cm)  
 Weight: 5.00 oz (141.75 g)



### EDGEPORT/416, 416/DB-25, 8/DB-25

Length: 5.00 in (12.70 cm)  
 Width: 17.00\* in (43.118 cm)  
 Height: 1.80 in (4.53 cm)  
 Weight: 41.30 oz (1170.84 g)



### EDGEPORT/4/DB-25, 8, 8S MEI

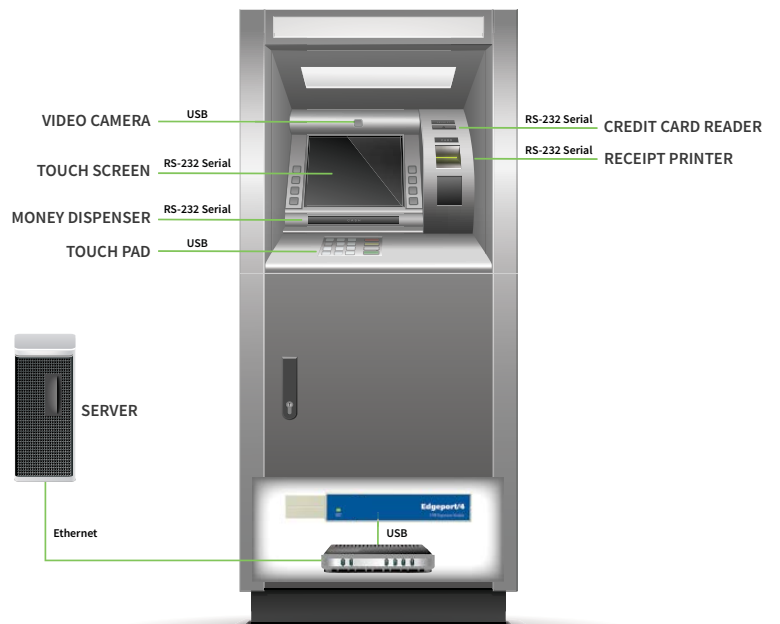
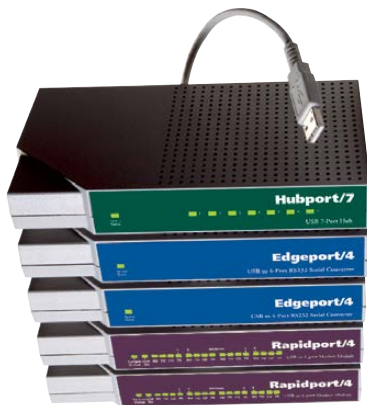
Length: 4.35 in (11.05 cm)  
 Width: 7.20 in (18.29 cm)  
 Height: 1.75 in (4.45 cm)  
 Weight: 16.00 oz (453.59 g)



### EDGEPORT/2, 2S, 4, 4S MEI, 4S MEI ISOLATED

Length: 4.35 in (11.05 cm)  
 Width: 7.20 in (18.29 cm)  
 Height: 1.03 in (2.61 cm)  
 Weight: 10.00 oz (311.00 g)

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



PART NUMBERS	DESCRIPTION
301-1003-10	Edgeport/2c - 2 RS-232 serial DB-9, captive 2-meter cable
301-1000-04	Edgeport/4 - 4 RS-232 serial DB-9
301-1002-08	Edgeport/8 DB-9 - 8 RS-232 serial DB-9
301-1016-01	Edgeport/4 - 4 RS-232 serial DB-25
301-1001-11	Edgeport/1 - 1 RS-232 serial DB-9
301-1001-15	Edgeport/1 with 2-Meter Captive Cable - 1 RS-232 serial DB-9, captive 2 meter cable
301-1002-08	Edgeport/8 DB-9 - 8 RS-232 serial DB-9
301-2000-10	Edgeport/416 DB-9 - 4 USB, 16 RS-232 serial DB-9, rack mountable
301-1000-95	Edgeport/4s MEI Isolated - 4 RS-232/422/485 serial DB-9 software selectable with galvanic isolation
301-1000-94	Edgeport/4s MEI - 4 RS-232/422/485 serial DB-9; software selectable
301-1001-31	Edgeport/1i - 1 RS-422/485 serial DB-9
301-1002-98	Edgeport/8s MEI - 8 RS-232/422/485 serial DB-9; software selectable

FOR MORE INFORMATION  
PLEASE VISIT [WWW.DIGI.COM](http://WWW.DIGI.COM)



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