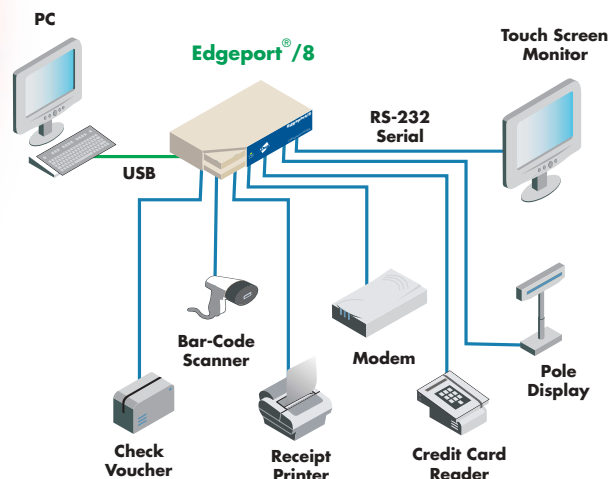


Edgeport®

USB-to-Serial Converters

Edgeport offers an easy out-of-the-box solution for I/O expansion and is available in a wide variety of configurations for maximum flexibility and scalability.

POS Connectivity



Features/Benefits

- > Add one, two, four, eight, 12 or 16 serial ports to a PC, thin client or server in minutes
- > Unmatched operating system support includes Windows NT, Windows 2000, Windows CE, Windows XP and more
- > Multi-interface, software selectable MEI, USB PlusPower, industrial, compact and metal models
- > Lower total cost of ownership with external, user-installable solution
- > Ideal for point-of-sale, mobile computing, industrial automation, medical and more

Overview

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, USB or parallel ports to a PC, server or thin client in minutes – without opening the chassis, reconfiguring or rebooting the system. EdgeUSB technology, shipping with Edgeport since 1998, makes it possible to use our USB solutions on Windows NT® and Windows NT Embedded systems – an industry first.

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 MEI (RS-232/422/485 Multi-Electrical Interface) models to connect any type of serial device to one box; metal enclosures for rugged applications; and DB-9, DB-25 or RJ-45 connectors to meet cabling requirements. Accessories include the Edgeport/E USB Ethernet adapter, rack mount kits, PCI to USB 1.1 card and USB cables.

Feature-rich design, reliability and unmatched operating system support make Edgeport USB-to-serial converters ideal for any mission-critical enterprise application. Integrators and end users around the globe rely on Edgeport for peripheral device connectivity in retail stations, self check-out systems, emergency vehicles, kiosks, ATMs and more.

Digi International makes device networking easy by developing products and technologies that are cost-effective and easy to use. With over 20 million ports shipped worldwide, Digi has been offering the highest levels of performance, flexibility, and quality since 1985.



www.digi.com

Making
DEVICE NETWORKING
easy™

Features/Specifications

FEATURES

- USB 1.0 and 1.1 compatible; backwards compatibility for 2.0
- USB-IF certified
- Plug and Play
- Baud rate: to 230 Kbps per serial port simultaneously
- Automatic port reacquisition
- COM port assignments maintained across reboots
- Full hardware and software flow control
- Tri-state LED displays device status and COM port activity
- No additional IRQ or memory address requirements
- Low power consumption
- Rack mountable
- Hot-swappable
- 1-meter USB cable included (unless otherwise specified)
- Bulk packaging and customized cabling options
- Multiple models available for maximum flexibility and scalability

Edgeport Serial

- 1/2/4/8/12/16 RS-232 serial ports
- DB-9, DB-25, RJ-45 connectors
- Models with onboard USB hub (four ports)

Edgeport Compact

- 2 models with DB-9 connectors
 - 2 RS-232 serial ports
 - 2 RS-232 serial, 2 USB ports
- Captive 2-meter cable for secure connection in rugged environments like mobile computing
- Smaller form factor and lower cost per port than standard Edgeport

Edgeport Industrial

- 1/2/4/8 serial ports with DB-9 connectors
- RS-232, -422 and -422/485 models
- Software selectable RS-232/422/485 MEI models

Edgeport Metal

- 2/4/8 serial ports with DB-9 connectors
- Aluminum chassis
- Designed for rugged environments like emergency vehicles and restaurant kitchens
- Rack mount brackets for added security

FEATURES CONTINUED

Edgeport Multi-Interface

- 2 models with DB-9 connectors
 - 2 RS-232 serial; 1 parallel printer port
 - 4 USB, 2 RS-232 serial, 1 parallel printer port

- Ideal for workstations or thin clients

Edgeport USB Plus

- 4 powered USB, 2 RS-232 serial ports with DB-9 connectors
- Connect standard USB, powered USB and legacy serial devices to one box
- Cable locking mechanisms ensure secure connection for peripheral devices
- Part of Digi's USB Plus Series (visit website for more information)

Edgeport/E USB Ethernet Adapter

- USB to RJ-45
- Add a PC or laptop to a 10/100Base-T Ethernet in minutes
- Data transfer rates up to 10 Mbps
- Bus-powered

OPERATING SYSTEMS

- Windows® XP, Windows XP Embedded
- Windows NT® 4.0, Windows NT Embedded
- Windows CE
- Windows 2000
- Windows Me
- Windows 98/SE
- Windows 95
- Windows Server™ 2003
- Linux
- Sun Solaris (SPARC)

REGULATORY APPROVALS

- FCC Part 15, Class B
- CE
- EN55022
- EN55024
- EN60950
- UL 1950
- CSA 2.2 No. 950
- IEC-950

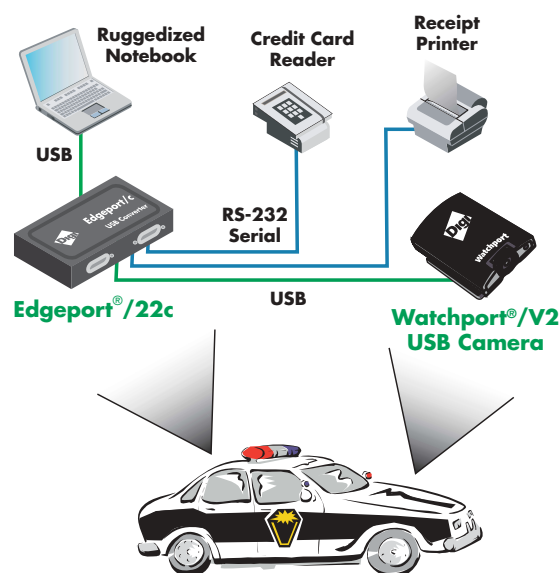
ENVIRONMENTAL

- Operating temperature: 32° F to 131° F (0° C to 55° C)
- Relative humidity: 0% to 95% (non-condensing)

POWER REQUIREMENTS

- External power supply not required for models without USB ports (USB-powered)
- Models with USB ports (Edgeport/421, 416, 412, 42+) ship with plug-mounted power supply: 120/230VAC 60/50 Hz at 5VDC @ 3 Amps max
- Edgeport/42+ ships with plug-mounted power supply: 120-240VAC 60/50Hz at 24VDC@3 Amps max

Mobile Computing



Edgeport/E, 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/2m, 4m

- Length: 4.30 in (10.92 cm)
- Width: 8.00 in (20.32 cm)
- Height: 1.36 in (3.45 cm)
- Weight: 10.00 oz (311.00 g)



Edgeport/2c, 22c

- 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/412, 412/DB-25, 416, 416/DB-25, 8/DB-25

- Length: 5.00* in (12.70 cm)
- Width: 17.00** in (43.18 cm)
- Height: 1.80 in (4.53 cm)
- Weight: 41.30 oz (1170.84 g)

*8.63 in (21.92 cm) with optional mounted power supply tray

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



Edgeport/4 DB-25, 42+, 8, 8i, 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, 2i, 2+2i, 21, 4, 4i, 4s MEI, 421, 8r

- 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)



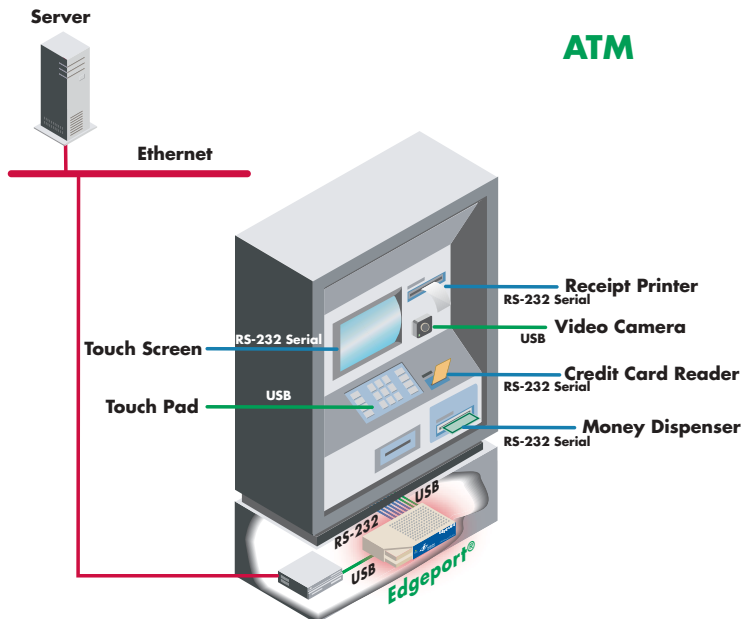
Edgeport/8im

- Length: 4.75 in (12.07 cm)
- Width: 8.00 in (20.32 cm)
- Height: 2.00 in (5.08 cm)
- Weight: 24.00 oz (680.39 g)



Applications

- Retail/Point-of-Sale
- Mobile Computing
- Medical
- Financial
- Hospitality
- Industrial Automation



Features/Specifications

MODEL.....PART NUMBERS

Model	North America	International
Edgeport Serial		
Edgeport/1 (1 serial DB-9)	301-1001-11	301-1001-11
Edgeport/1 25-Unit Bulk Pack (25 ea. 301-1001-11)	301-1001-21	301-1001-21
Edgeport/1 100-Bulk Pack (100 ea. 301-1001-11)	301-1001-22	301-1001-22
Edgeport/1 Captive Cable (1 serial DB-9, attached 2m USB cable)	301-1001-15	301-1001-15
Edgeport/2 (2 serial DB-9)	301-1000-02	301-1000-02
Edgeport/4 (4 serial DB-9)	301-1000-04	301-1000-04
Edgeport/4/DB-25 (4 serial DB-25)	301-1016-01	301-1016-01
Edgeport/412 (4 USB, 12 serial DB-9)	301-1004-12	301-2004-12
Edgeport/412/DB-25 (4 USB, 12 serial DB-25)	301-1016-12	301-2016-12
Edgeport/416 (4 USB, 16 serial DB-9)	301-1000-10	301-2000-10
Edgeport/416/DB-25 (4 USB, 16 serial DB-25)	301-1016-16	301-2016-16
Edgeport/8 (8 serial DB-9)	301-1002-08	301-1002-08
Edgeport/8/DB-25 (8 serial DB-25)	301-1016-08	301-1016-08
Edgeport/8r (8 serial RJ-45)	301-1002-14	301-1002-14
Edgeport Compact		
Edgeport/2c (2 serial DB-9, captive 2m USB cable)	301-1003-10	301-1003-10
Edgeport/22c (2 serial DB-9, 2 USB, captive 2m USB cable)	301-1003-30	301-1003-30
Edgeport Industrial		
Edgeport/1i (1 RS-422/485 serial DB-9)	301-1001-31	301-1001-31
Edgeport/2i (2 RS-422/485 serial DB-9)	301-1000-12	301-1000-12
Edgeport/2+2i (2 RS-232 serial, 2 RS-422 serial DB-9)	301-1022-04	301-1022-04
Edgeport/4i (4 RS-422 serial DB-9)	301-1000-24	301-1000-24
Edgeport/8i (8 RS-422 serial DB-9)	301-1000-28	301-1000-28
Edgeport/4s MEI (4 RS-232/422/485 serial DB-9 software selectable)	301-1000-94	301-1000-94
Edgeport/8s MEI (8 RS-232/422/485 serial DB-9 software selectable)	301-1002-98	301-1002-98
Edgeport Metal		
Edgeport/2m (2 serial DB-9, metal chassis)	301-1000-80	301-1000-80
Edgeport/4m (4 serial DB-9, metal chassis)	301-1000-81	301-1000-81
Edgeport/8im (8 RS-422 serial DB-9, metal chassis)	301-1000-85	301-1000-85
Edgeport Multi-Interface		
Edgeport/21 (2 serial DB-9, 1 parallel)	301-1000-21	301-1000-21
Edgeport/421 (4 USB, 2 serial DB-9, 1 parallel)	301-1004-21	301-2004-21
Edgeport USB Plus		
Edgeport/42+ (4 powered USB, 2 serial DB-9)	301-1001-42	301-2001-42
Accessories		
Edgeport/E (USB Ethernet adapter)	301-1050-01	301-1050-01
USB 1.1 Upgrade Kit (PCI to USB 1.1 card)	301-1101-01	301-1101-01
1-Meter USB Cable (A to B USB cable, 3.3 ft)	301-9000-01	301-9000-01
2-Meter USB Cable (A to B USB cable, 6.6 ft)	301-9000-07	301-9000-07
3-Meter USB Cable (A to B USB cable, 9.8 ft)	301-9000-06	301-9000-06
4-Meter USB Cable (A to B USB cable, 13 ft)	301-9000-10	301-9000-10
5-Meter USB Cable (A to B USB cable, 16.4 ft)	301-9000-02	301-9000-02
USB Repeater/Extender Cable (A to A extender, 16.4 ft)	301-9002-01	301-9002-01
USB to Parallel Printer Cable (1.8 m, 6 ft)	301-9006-01	301-9006-01
Rack Mount Kit (19" shelf)	301-9001-01	301-9001-01
Small Shelf Mount Bracket (mounts Edgeport/4-sized boxes to wall or shelf)	301-9003-01	301-9003-01
Large Shelf Mount Bracket (mounts Edgeport/8-sized boxes to wall or shelf)	301-9004-01	301-9004-01

Serial ports are RS-232 unless otherwise specified.

Bulk packs include one copy of software and documentation with limited use reproduction license.



DIGI SERVICE AND SUPPORT

You can purchase with confidence knowing that Digi is here to support you with expert technical support and a strong five-year warranty. www.digi.com/support

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