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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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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; metal enclosures for rugged applications; 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

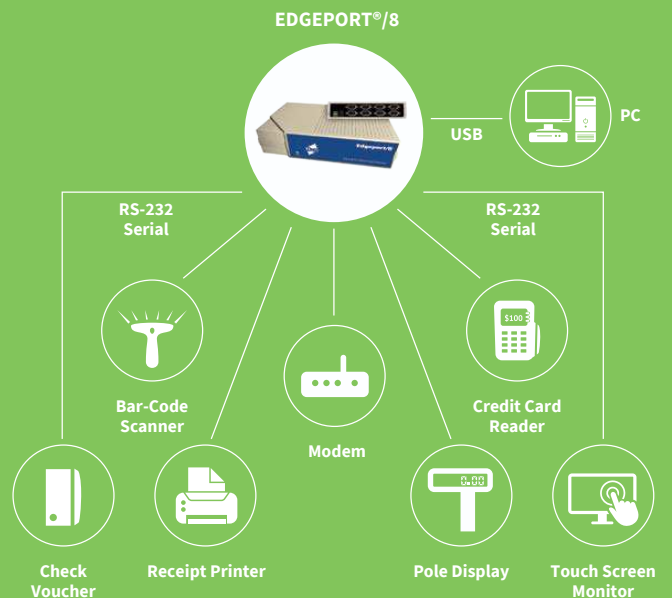
- Add 1, 2, 4, 8 or 16 serial ports to a PC, thin client or server in minutes
- Designed for peripheral device connectivity in retail stations, self check-out systems, emergency vehicles, kiosks, ATMs and more
- Software selectable MEI, galvanic isolated, industrial, compact and metal ruggedized models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

RELATED PRODUCTS



APPLICATION EXAMPLE

POS CONNECTIVITY



SPECIFICATIONS	Edgeport® Serial Edgeport® Extended Safety Edgeport® Industrial		
INTERFACES (VARIES BY MODEL)			
SERIAL PORTS	1, 2, 4, 8 or 16	4 (separately isolated)	1, 2, 4 or 8
SERIAL TYPE	RS-232	RS-232/422/485	RS-422/485, software selectable RS-232/422/485
SERIAL CONNECTOR	DB-9, DB-25	DB-9	DB-9
SERIAL DATA RATE	230 Kbps per port simultaneously		
DOWNSTREAM USB PORTS	4 (16-port models only)	1 (separately isolated)	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	Tri-state LED displays device status and COM port activity		
OPERATING SYSTEMS	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)**		
CABLES	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	2.0 kV DC galvanic isolation on all ports	N/A
POWER REQUIREMENTS			
POWER SUPPLY	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		
ENVIRONMENTAL			
OPERATING TEMPERATURE	0° C to 55° C (32° F to 131° F)		
RELATIVE HUMIDITY	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		

*Driver support provided by Linux USB maintainers.

**Driver support provided by Sun.

SPECIFICATIONS

Edgeport® Compact

| Edgeport® Metal

INTERFACES (VARIES BY MODEL)

SERIAL PORTS	2	4
SERIAL TYPE	RS-232	RS-232
SERIAL CONNECTOR	DB-9	
SERIAL DATA RATE	230 Kbps per port simultaneously	
DOWNSTREAM USB PORTS	2	0
OTHER PORTS	N/A	N/A

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	Tri-state LED displays device status and COM port activity	
OPERATING SYSTEMS	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)**	
CABLES	Captive 2-meter cable for secure connection in rugged environments (mobile computing)	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	Aluminum chassis; Designed for rugged environments (emergency vehicles, restaurant kitchens); Rack mount bracket for added security

POWER REQUIREMENTS

POWER SUPPLY	USB powered
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ENVIRONMENTAL

OPERATING TEMPERATURE	0° C to 55° C (32° F to 131° F)
RELATIVE HUMIDITY	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

*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/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/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
301-1003-30	Edgeport/22c - 2 USB, 2 RS-232 serial DB-9, captive cable
301-1000-02	Edgeport/2 - 2 RS-232 serial DB-9
301-1000-03	Edgeport/2 - 2 RS-232 serial DB-9 (International)
301-1000-04	Edgeport/4 - 4 RS-232 serial DB-9
301-1000-10	Edgeport/416 DB-9 - 4 USB, 16 RS-232 serial DB-9, rack mountable
301-1001-11	Edgeport/1 - 1 RS-232 serial DB-9
301-1001-21	Edgeport/1 25 Unit Bulk Pack - 1 RS-232 serial DB-9 (25 each)
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
301-1016-08	Edgeport/8/DB-25 - 8 RS-232 serial DB-25, rack mountable
301-1016-16	Edgeport/416 DB-25 - 4 USB, 16 RS-232 serial DB-25, rack mountable
301-2000-10	Edgeport/416 DB-9 - 4 USB, 16 RS-232 serial DB-9, rack mountable (International)
301-2016-16	Edgeport/416 DB-25 - 4 USB, 16 RS-232 serial DB-25, rack mountable (International)
301-1000-95	Edgeport/4s MEI Isolated - 4 RS-232/422/485 serial DB-9 software selectable with galvanic isolation
301-1000-92	Edgeport/2s MEI - 2 RS-232/422/485 serial DB-9; software selectable
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
301-1000-81	Edgeport/4m - 4 RS-232 serial DB-9, aluminum chassis

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