



Remote Access



Mobile Connectivity



Industrial Control



Point-of-Sale

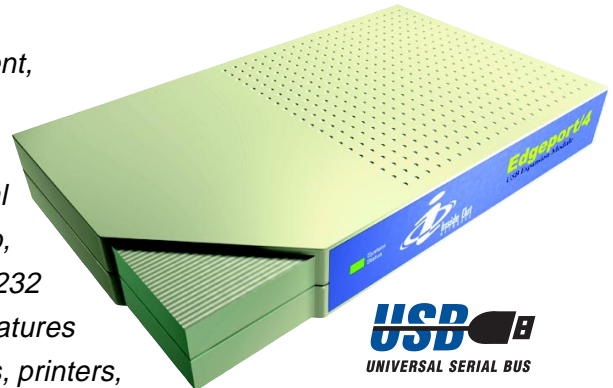
Edgeport / 2

Edgeport / 4

Edgeport / 8

USB networking and device connectivity for Microsoft Windows 95®, 98 and Windows NT 4.0

The Edgeport™ is an intelligent, stackable expansion module that connects to a PC or server via the Universal Serial Bus (USB) port, providing two, four, or eight high-speed RS-232 serial ports. The Edgeport features easy connectivity for modems, printers, point-of-sale and industrial control devices which utilize a standard serial (RS-232) interface.



By simply plugging in a Edgeport, you can:

- Add multiple serial ports to your PC or server in minutes using our wizard software setup. Completely eliminates difficult issues associated with high-priced, older card solutions (no PC slots are required).
• Attach additional Edgeports in seconds as your connectivity needs continue to grow.
• Avoid the hassle of removing your PC cover or powering down your operating system during installation.

Why USB?

The USB architecture currently provided by Intel®, Microsoft®, and most major PC manufacturers is designed to deliver an industry standard for PC connectivity today. The PC industry is moving rapidly towards a "locked-box" approach to computer design, which means you never have to remove the cover from your computer to add a peripheral device.

Why Edgeport?

Plug in! You'll never need to open the chassis or power down your PC or server to install Multiple Serial ports with any Edgeport. Inside Out Networks™ delivers the USB technology needed to convert your PC into a powerful communications server or workstation by providing instant connectivity to modems, ISDN terminal adapters, and other serial devices. Unlike current ISA- and PCI-based card products, the Edgeport gets you "out of the box" and running with reliable, easy-to-use USB technology.

Setup is a wiz!

Simply plug in the Edgeport, install our wizard configuration software, and you're done! Inside Out Network's USB technology means never having to deal with card slots, IRQ jumpers, DMA channels, or device addresses when installing the Edgeport or connecting peripheral devices. For PCs or servers without USB ports, we also provide an economical, easy to install step-up kit that upgrades your existing machine to USB.

Tomorrow's Technology Today!

Intel estimates that 80 million USB-ready PCs are now in service.1 With this massive installed base of USB-ready machines, it is clear that USB technology will become a dominant architecture. All major PC manufacturers are now compliant with Microsoft Windows 95 (OSR 2 w/USB Support), Windows 98 and Windows NT 4.0, and Inside Out Networks is ready for Windows 2000 (formerly Windows NT 5.0) when released. Inside Out Networks will continue to close the technology loop with current and future "out of the box" network and workstation connectivity solutions that meet the specific needs of the business user.

Imagine never running out of I/O slots!

The Edgeport provides the scalability and flexibility to adapt quickly to new technologies. Multiple Edgeport modules can be added to a single USB interface. Easy and convenient connectivity to additional devices means that your network can grow with your requirements.

The bottom line.

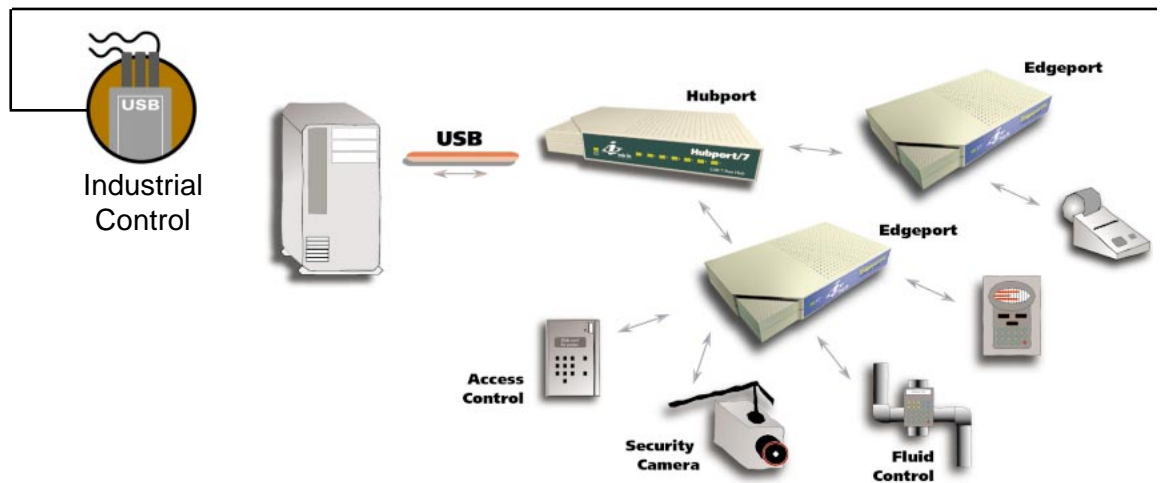
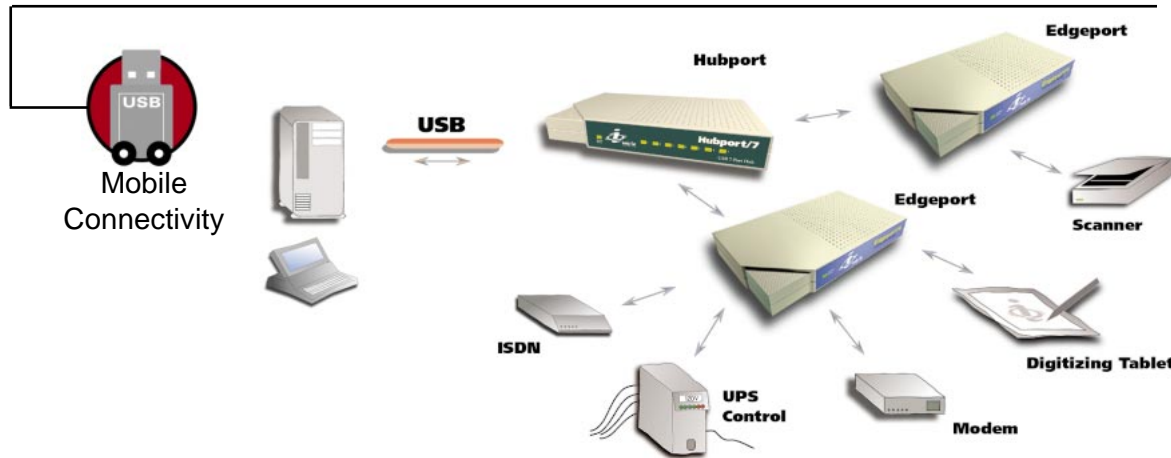
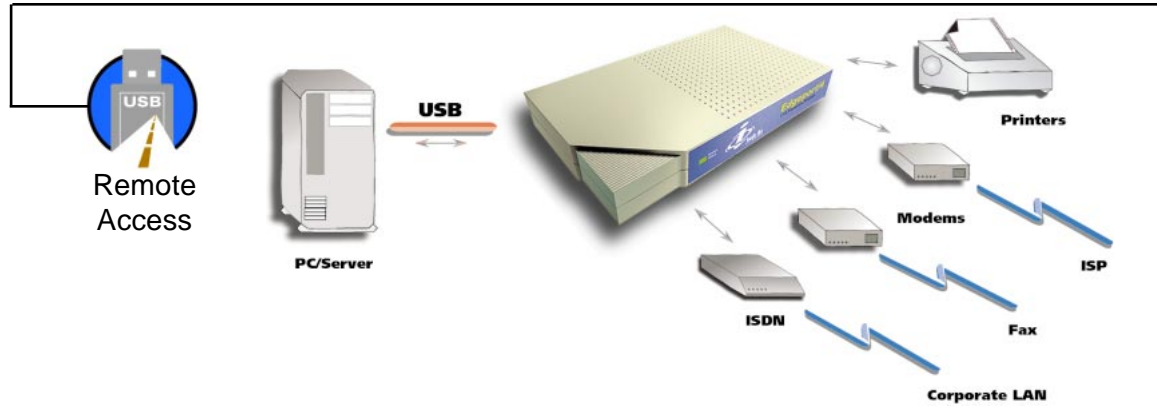
Since the Edgeport is a user-installable solution, users dramatically reduce on-site installation and downtime costs. Scalability and ease of installation and setup allow you to leverage your existing PC or Server's USB port to realize a lower total cost of ownership (TCO) over older technologies.

1. USB Developers Conference, April 1998.

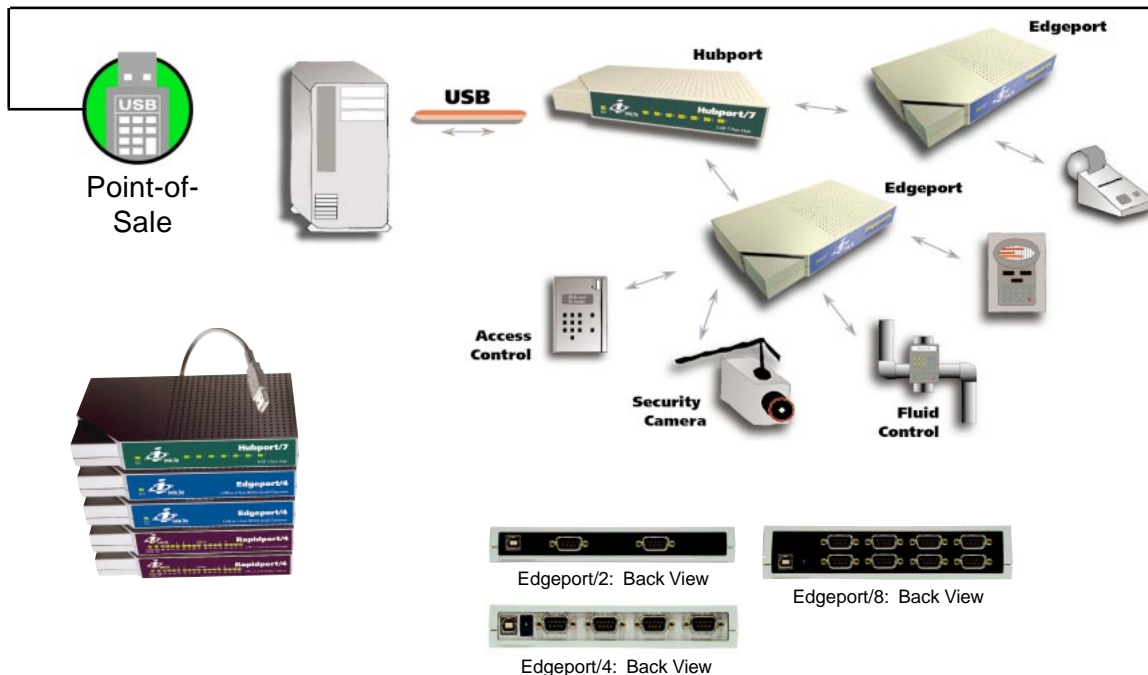


Get **out** of the **box** today.

With USB Business Connectivity Solutions from Inside Out Networks



Port Edge

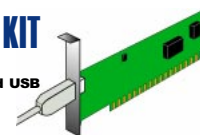


Order Information

EDGEPORT	WIN 95/98	PART #	EDGEPORT	WIN NT 4.0	PART #
Edgeport/2-	Windows 95/98.....	301-1000-02	Edgeport/2-	NT 4.0.....	301-1000-22
Edgeport/4-	Windows 95/98.....	301-1000-04	Edgeport/4-	NT 4.0.....	301-1000-14
Edgeport/8-	Windows 95/98.....	301-1000-08	Edgeport/2-	NT 4.0.....	301-1002-18
USB Upgrade Kit.....		301-1101-01	NT 4.0 Upgrade Kit (for Edgeport/2,4,8).....		301-9000-03

OPTIONAL USB UPGRADE KIT

Extended USB Cable



(Step-Up Software included)

Edgeport / 2 / 4 / 8 Features and Specifications

FEATURES

- Two, Four or Eight high-speed EIA-232 serial ports supporting baud rates from 75bps to 230Kbps
- Fully compatible with USB specification v1.0
- Supports serial devices, including modems, ISDN terminal adapters, printers, and point-of-sale and industrial automation applications
- UARTs are backward compatible with 16550 UART and have 64-byte FIFOs for increased serial performance
- Front panel LED displays device status and serial port activity
- Powered solely from USB bus-no external power supply needed (Edgeport/8 power supply optional for limited serial device power)
- Device uses E2PROM for field-upgradable code
- Ideal for connection to 56K modems

OPERATING SYSTEM FEATURES

- Device is fully plug-and-play compliant—hot insertion, hot removal. After connecting the device, Windows 95/98 prompts the user for drivers and walks user through installation.
- Windows NT 4.0 models also support NT 2000 when released by Microsoft.

SYSTEM REQUIREMENTS

- Pentium-class CPU
- 8MB RAM, 16MB recommended
- 1 available USB type A (downstream) port
- Current version of Windows 95 (OSR2) shipping with PCs and servers supporting a USB bus
- No IRQ, I/O address, DMA, or memory address requirements

TECHNICAL SPECIFICATIONS

- Processor: Intel 80930AD
- RAM: 32K
- EEPROM: 32K
- UART: 64-byte FIFOs per port per direction

CONNECTORS

- Two, Four or Eight DB-9 EIA-232 serial interface connectors
- One USB type B (upstream) connector

POWER REQUIREMENTS

- USB bus-powered, consumes less than 500mA at full operating speed.

CERTIFICATION

EMC:
FCC Part 15 Class B
EN55022
EN5082-1

SAFETY

UL 1950
CSA 22.2 No. 950
EN 60950

ENVIRONMENTAL REQUIREMENTS

- Ambient temperature: 32° F to 104° F (0° C to 40° C)
- Relative humidity: 0 to 95% non-condensing

DIMENSION

Edgeport/2 and Edgeport/4

- Length: 4.35 in (11.05 cm)
- Height: 1.03 in (2.61 cm)
- Width: 7.2 in (18.29 cm)
- Weight: 10 oz (311 g)

Edgeport/8

- Length: 4.35 in (11.05 cm)
- Height: 1.75 in (4.45 cm)
- Width: 7.2 in (18.29 cm)
- Weight: 16 oz (498 g)

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