



Remote Access

Exclusive Windows NT 4.0 Support for your PC or Server's USB port



Rapidport/4



USB to four port Remote Access Module with built-in USB Hub for easy Expandability.

The Rapidport/4™ is an intelligent, stackable remote access solution for Microsoft NT® 4.0 Server and Windows 95/98. The Rapidport/4 connects in minutes to a PC or server via the Universal Serial Bus (USB) port, providing four V.90 56K modems in a single 7.5" X 4.5" unit. Now all network users can access NT 4.0 Server's Routing & Remote Access Services (RRAS) and other dial-up services by pooling existing phone lines to the server.



By simply plugging in a Rapidport/4, you can:

- Add four high-speed V.90, 56K modems to your PC or server in minutes.
- Eliminate the difficult configuration issues associated with high-priced older serial cards (no PC slots are required).
- Pool existing modem lines and share dial-up resources.
- Avoid the hassle of removing your PC's cover or powering down the operating system during installation or when adding additional modules.

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 toward 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 Rapidport/4?

Plug in! You'll never need to open the chassis or power down your PC or server to install a Rapidport/4. Inside Out Networks™ delivers the USB technology needed to convert your PC or workstation into a powerful communications server providing instant connectivity to standard phone lines. Unlike current ISA- and PCI-based modem card products, the Rapidport/4 gets you "out of the box" and running with reliable, easy-to-use USB technology.

Setup is a wiz!

Simply plug in the Rapidport/4, install our easy 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 Rapidport/4. 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. Inside Out Networks will continue to close the technology loop with current and future "out of the box" network connectivity solutions. All major PC manufacturers are compliant with Microsoft Windows® 95 (OSR 2 w/USB Support), 98 and Windows NT 4.0, and Inside Out Networks is ready for Windows 2000 (formerly Windows NT 5.0) when released.

Imagine never running out of I/O slots!

The Rapidport/4 provides the scalability and flexibility to adapt quickly to new technologies. Multiple Rapidport/4 modules can be added to a single USB interface, allowing customers to add WAN connectivity as needed. Easy and convenient connectivity to additional devices means that your network can grow with your requirements.

The bottom line.

Since the Rapidport/4 is a user-installable solution, remote access 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.

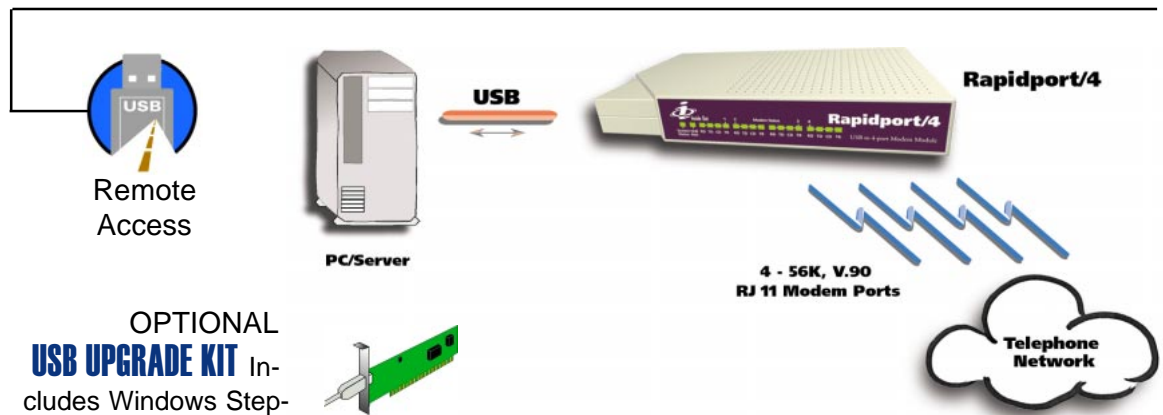
1. USB Developers Conference, April 1998.

Rapidport/4



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

With USB Business Connectivity Solutions from Inside Out Networks



Rapidport/4 Technical Features and Specifications

FEATURES

- Four 56K V.90/K56 flex modems
- Fully compatible with USB specification v1.0
- Easy USB installation and software setup
- No IRQ, I/O address, DMA, or memory address requirements
- Front-panel LEDs display modem and hub status
- On board USB hub for easy attachment of additional units (type A- downstream connector)
- Device uses E2PROM for field-upgradable code
- UARTs are backward compatible with 16550 UART with 64-byte FIFOs for increased performance

OPERATING SYSTEM FEATURES

- Device is fully plug-and-play compliant—hot insertion, hot removal with Windows 95 (OSR2) and 98. One step software setup for NT 4.0 Workstation and Server
- Support for Windows NT 2000 when released

SYSTEM REQUIREMENTS

- Pentium® processor
- 8MB RAM, 16MB recommended
- 1 available USB type A (downstream) port
- Current version of Windows 95 (OSR 2), 98 or NT 4.0 shipping with PCs and servers that support USB

TECHNICAL SPECIFICATIONS

- Processor: Intel 80930AD
- RAM: 32K
- EEPROM: 8K
- UART: 64-byte FIFOs per port per direction

MODEM SPECIFICATIONS

- 56K download speeds from digital 56K V.90/ K56flex servers
- 33.6K download and upload speeds from non-V.90/ K56flex servers
- Fax: 14.4K bps

MODEM STANDARDS

- Data V.90/K56flex and enhanced V.34
- Error Correction: V.42
- Data Compression: MNP® Class 5; V.42bis
- Fax: V.17, Group 3; Class 1 and 2

CONNECTORS

- Four RJ-11phone jack connectors
- One USB type B (upstream) connector
- One USB type A (downstream) connector (hub)

OPERATION:

- Line Type: Analog dial-up

CERTIFICATION

- FCC Part 68, Canadian DOC EMC:
- FCC Part 15 Class B
- CE Certified
- 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% noncondensing

POWER REQUIREMENTS

- North America: 100-130v AC, 50/60 Hz
- International: 230v AC, 50 Hz

DIMENSIONS

- Length: 4.35 in (11.05 cm)
- Height: 1.03 in (2.61 cm)
- Width: 7.2 in (18.29 cm)
- Weight: 11 oz (342 g)

Order Information

PRODUCT	PART #
Rapidport/4	301-1012-04
USB Upgrade Kit	301-1101-01

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