Cisco HWIC-1B-U Datasheet

Cisco HWIC-1B-U 1-Port ISDN BRI U High-Speed WAN Interface Card

HWIC-1B-U

Cisco HWIC-1B-U 1-Port ISDN BRI U High-Speed WAN Interface Card

Cisco ® integrated services routers offer a wide variety of WAN connectivity modules to accommodate the range of application needs in customer networks. The Cisco 1-Port BRI U High-Speed WAN Interface Card (HWIC, Figure 1) offers BRI-U-based WAN connectivity for modular routers deployed in small to medium-sized businesses (SMBs) and enterprise branch offices.

Features

- One ISDN BRI port with U interface (built-in NT1)

- Utilizes an RJ-49C connector

The Cisco 1-Port HWIC-1B-U offers a single ISDN BRI port with U interface. The ISDN HWIC is supported on the Cisco 1841, 1941, 2800, 2900, 3800 and 3900 Series Routers. It provides a cost-effective ISDN routing solution with the following benefits of integration:

- Fewer devices and cables to deploy and manage
- Remote and local configuration, monitoring, and troubleshooting with the Cisco IOS® Software command-line interface (CLI) and Simple Network Management Protocol (SNMP)

- Single-vendor support

- Enhanced reliability

- Physical space savings

Flexibility and Investment Protection

The Cisco 1-Port ISDN U interface HWIC upholds Cisco's commitment to providing customers with maximum flexibility and investment protection through modular HWICs that are supported on award-winning router platforms. When WAN bandwidth requirements or service provider pricing changes, users can easily change WAN services either by changing the software configuration or replacing the HWIC. Because the same card can be used on Cisco 1841, 2800, and 3800 Series router platforms, the number of stocking units can be reduced, and the HWIC can be redeployed from one platform to another.

Enhanced Reliability

An integrated solution has fewer components and hence, fewer points of failure (for example, one less power supply and fewer cables). This leads to enhanced reliability.

Converged Platform for SMB and Enterprise Branch Applications

The Cisco 1841, 1941, 2800, 3800, and 3900 Series Integrated Services Routers with the Cisco 1-Port ISDN U interface HWIC provide customers with a choice of converged platforms that offer best-of-class data, security, WAN access, and voice services in a single system. The Cisco 2800 and 3800 Series routers and the Cisco 2900 and 3900 Series Routers embed voice functions directly inside the router, enabling customers to deploy voice services by installing digital signal processors (DSPs) and advanced integration modules (AIMs) for IP telephony conferencing, voice gateways, and Cisco Unity® Express voicemail and automated attendant. For call processing, customers can enable the Cisco Communications Manager Express solution as part of Cisco IOS Software and reconfigure the same software to support Cisco Survivable Remote Site Telephony (SRST) for centralized call processing with Cisco Communications Manager. Such an integrated solution enables rapid service deployment, increases efficiency of network operations, and provides opportunities to protect, grow, and optimize your business.

Shared Features with Cisco 1-Port ISDN WIC

The Cisco 1-Port ISDN U interface HWIC offers all of the features of the Cisco 1-Port ISDN U interface WIC (WIC-1B-U-V2) and can be smoothly deployed without any additional training.

Supporting Platforms

1841 (HWIC), 2801 (WIC/HWIC), 2811 (HWIC), 2821 (HWIC), 2851 (HWIC), 3825 (HWIC), 3845 (HWIC), 1941(HWIC), 2901(HWIC), 2911 (HWIC), 2921 (HWIC), 2951 (HWIC), 3925 (HWIC), 3945 (HWIC)

Buy Now