WIC-1ADSL, WIC-1ADSL-DG, and WIC-1ADSL-I-DG Documentation Roadmap

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This document provides links to resources for understanding, installing, and configuring ADSL WAN interface cards (WICs). Use this document in HTML format on Cisco.com.

Products:

WIC-1ADSL	1-port ADSL-over-POTS WAN interface card
WIC-1ADSL-DG	1-port ADSL-over-POTS with dying gasp WAN interface card
WIC-1ADSL-I-DG	1-port ADSL-over-ISDN with dying gasp WAN interface card

Note This is a platform-independent document. To see which routers support these products, refer to the documents in the following section.

Product Information and Supported Hardware and Software

- *ADSL WAN Interface Cards for the Cisco 1700, 2600, and 3700 Series Modular Access Routers*, data sheet
- *Cisco 1700/2600/3600 ADSL WIC Frequently Asked Questions*, FAQs
- *ADSL WAN Interface Card (WIC) for Cisco 1700/2600/3600 Series Routers*, Q & A
- *Cisco DSL Router Configuration and Troubleshooting Guide—ADSL WIC*, how-to

Service Categories

- *Understanding the CBR Service Category for ATM VCs*, tech note
- *Understanding the Variable Bit Rate Real Time (VBR-rt) Service Category for ATM VCs*, tech note
- *Understanding the VBR-nrt Service Category and Traffic Shaping for ATM VCs*, tech note

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Regulatory Compliance and Safety Information

- *Cisco Network Modules and Interface Cards Regulatory Compliance and Safety Information*

Hardware Installation

See the following chapters of the *Cisco Interface Cards Hardware Installation Guide*:

- Installing Cisco Interface Cards in Cisco Access Routers
- Connecting DSL WAN Interface Cards to a Network

See also:

- *DSL Modem/Router Interface Pinouts and Status LED Descriptions*, tech note

Interface Numbering

- Overview in the hardware installation documentation for your router

Software Configuration

- *Configuring an ADSL WAN Interface Card on Cisco 1700 Series Routers*, configuration note
- *1-Port ADSL WAN Interface Card*, Cisco IOS Releases 12.2(13)ZH, 12.2(15)ZJ, and 12.3(4)T feature module
- *1-Port ADSL WAN Interface Card for Cisco 2600 Series and Cisco 3600 Series Routers*, Cisco IOS Release 12.2(4)T feature module
- *1-Port ADSL WAN Interface Card*, Cisco IOS Releases 12.1(3)XJ and 12.2(2)T feature module
- *1-Port ADSL WAN Interface Card*, Cisco IOS Release 12.1(5)YB feature module
- *Cisco DSL Router Configuration and Troubleshooting Guide*, how-to

Voice and QoS Features

- *Enhanced Voice and QoS for ADSL and G.SHDSL*, Cisco IOS Release 12.3(2)T feature module
- *Enhanced Voice and QoS for ADSL and G.SHDSL on Cisco 1700 Series, Cisco 2600 Series, Cisco 3600 Series, and Cisco 3700 Series Routers*, Cisco IOS Releases 12.2(8)YN and 12.2(13)T feature module
- *Voice and Quality of Service Features for ADSL and G.SHDSL on Cisco 1700, Cisco 2600, and Cisco 3600 Series Routers*, Cisco IOS Releases 12.2(4)XL and 12.2(13)T feature module

Troubleshooting

- *Troubleshooting Layer 1 on a Cisco 1700/2600/3600 ADSL WIC*, tech note
- *Cisco DSL Router Configuration and Troubleshooting Guide*, how-to

Configuration Examples

- *Configuring IPSec Over ADSL on a Cisco 2600/3600 With ADSL-WIC and Hardware Encryption Modules*, sample configuration
- *Configuring a Cisco 1700/2600/3600 ADSL WIC With a Single IP Address, DHCP, PPPoA, and PPP-PAP*, sample configuration
- *Configuring a Cisco 1700/2600/3600 ADSL WIC With IP Unnumbered E0, DHCP, PPPoA, and PPP-PAP*, sample configuration
- *Configuring a Cisco 1700/2600/3600 ADSL WIC With IP Unnumbered E0, PPPoA, PPP-PAP, and Manually Configured Local LAN Devices*, sample configuration
- *Configuring a Cisco 1700/2600/3600 ADSL WIC (Unnumbered Interface) With RFC1483 Routing Using AAL5SNAP Protocol IP*, sample configuration
- *Configuring a Cisco 1700/2600/3600 ADSL WIC With RFC1483 Routing Using AAL5SNAP Protocol IP*, sample configuration
- *Configuring a Cisco 1700/2600/3600 ADSL WIC Using PPPoA With CHAP and PAP*, sample configuration
- *Configuring a Cisco 1700/2600/3600 ADSL WIC With IRB and NAT Using RFC1483 Bridging*, sample configuration
- *Configuring a Cisco 1700/2600/3600 ADSL WIC With NAT, a DHCP Server, and Easy IP Using PPPoA (aal5mux ppp)*, sample configuration
- *Configuring a Cisco 1700/2600/3600 ADSL WIC as a PPPoE Client With NAT*, sample configuration
- *Configuring Network Address Translation and Static Port Address Translation to Support an Internal Web Server*, sample configuration
- *Configuring a Cisco 1700/2600/3600 ADSL WIC With AAL5MUX IP Routing, Multiple PVCs, and Terminating on a Cisco 6400 UAC-NRP*, sample configuration
- *Configuring a Cisco 1700/2600/3600 ADSL WIC to Support PPPoE Clients, Terminating on a Cisco 6400 UAC*, sample configuration
- *Configuring a Cisco 1700/2600/3600 ADSL WIC and a Cisco 6400 Configured With IRB Using RFC1483 Bridging (aal5snap)*, sample configuration
- *Configuring a Cisco 1700/2600/3600 ADSL WIC and a Cisco 6400 in RBE Mode Using RFC1483 Bridging*, sample configuration

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