

# Understanding the 1-Port ISDN BRI (U) WAN Interface Card (WIC-1B-U-V2, WIC-1B-U or WIC36-1B-U)

Document ID: 7248

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## Introduction

The ISDN Basic Rate Interface (BRI) U WAN Interface Card version 2 (WIC-1B-U-V2) is now available as a replacement for the WIC-1B-U card that is End-of-Sales. The WIC inserts into a mixed-media network module or directly into the WIC slot on the Cisco 1700, 2600, 3600, 3700 chassis. The ability to add BRI connectivity via a WIC allows administrators to maximize valuable slot space while providing additional connectivity options, such as Ethernet, on the same module.

For more information, refer to Understanding the 1-Port ISDN BRI (U) WAN Interface Card

## Before You Begin

### Conventions

For more information on document conventions, see the Cisco Technical Tips Conventions.

### Prerequisites

There are no specific prerequisites for this document.

### Components Used

Please refer to the Platform Support section below for further details.

The information presented in this document was created from devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If you are working in a live network, ensure that you understand the potential impact of any command before using it.

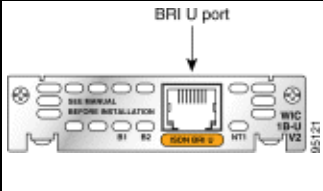
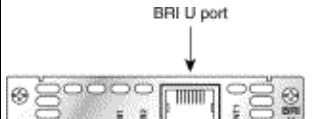
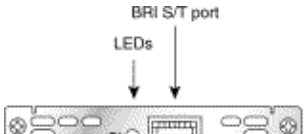
## Product Numbers

The following are the product numbers related to this document:

Product	Description	Notes
WIC-1B-U-V2	1-port ISDN BRI with intergrated NT1 (U interface)	Replacement for WIC-1B-U
WIC-1B-U	1-port ISDN BRI with intergrated NT1 (U interface)	End of Sales – see End-of-Sale Announcement for WIC-1B-U WAN Interface Card (WIC)
WIC36-1B-U	1-port ISDN BRI with intergrated NT1 (U interface)	End of Life / End of Sales

## Features

The following table details the features for the WIC36-1B-U and the WIC-1B-U.

WIC-1B-U-V2	WIC-1B-U	WIC36-1B-U
		
<ul style="list-style-type: none"> <li>• One ISDN BRI port (U interface, internal NT-1)</li> <li>• RJ-45 connector</li> <li>• Supported on 1700, 2600, 3600, 3700</li> <li>• Cannot be used with Cisco 1600 Series or the Cisco 1750</li> <li>• Does not support hot swap, however no hardware damage will occur if it is swapped while power is on.</li> <li>• Can go into slot W0 or W1 of the 1E2W, 2E2W, and 1E1R2W network modules</li> </ul>	<ul style="list-style-type: none"> <li>• One ISDN BRI port (U interface, internal NT-1)</li> <li>• RJ-45 connector</li> <li>• Supported on 1600, 2600, 3600</li> <li>• Cannot be used with Cisco 1603 or 1604 base units</li> <li>• Does not support hot swap, however no hardware damage will occur if it is swapped while power is on.</li> <li>• Can go into slot W0 or W1 of the 1E2W, 2E2W, and 1E1R2W network modules</li> <li>• Supported in NM-1FE1R2W, NM-1FE2W,</li> </ul>	<ul style="list-style-type: none"> <li>• One ISDN BRI port (U interface, with internal NT-1)</li> <li>• RJ-45 connector</li> <li>• Not compatible with Cisco 1600, 1700, 2600, or 3700 series</li> <li>• Does not support hot swap, however no hardware damage will occur if it is swapped while power is on.</li> <li>• Can only go into slot "W1" of the 1E2W, 2E2W, and 1E1R2W Network Modules (physically keyed).</li> </ul>

<ul style="list-style-type: none"> <li>Supported in NM-1FE1R2W, NM-1FE2W, NM-2FE2W, and NM-2W</li> <li>Cannot mix in same Network module with a WIC36-1B-U WIC. (A WIC36-1B-U can be used in a different Network Module in the same system)</li> <li>WIC provides NT-1 status information on the IOS show controller command</li> </ul>	<ul style="list-style-type: none"> <li>NM-2FE2W, and NM-2W</li> <li>Cannot mix in same Network module with a WIC36-1B-U WIC. (A WIC36-1B-U can be used in a different Network Module in the same system)</li> <li>WIC provides NT-1 status information on the IOS show controller command</li> </ul>	<ul style="list-style-type: none"> <li>Maximum of one per NM-1E2W, NM-1E1R2W, and NM-2E2W card</li> <li>Cannot mix in same Network module with a WIC-1B-U WIC. (A WIC-1B-U can be used in a different Network Module in the same system)</li> <li>End of Sales Date 31-Aug-1997</li> </ul>
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For further information on the diagrams shown in the table above, please refer to Connecting ISDN BRI U High-Speed WAN Interface Cards to a Network and Connecting ISDN BRI ST High-Speed WAN Interface Cards to a Network.

## Platform Support

Platform	Cisco 1600 <sup>(1)</sup>	Cisco 1700 <sup>(2)</sup>	Cisco 2600, 2600XM		Cisco 3620, 3640 and 3640A		Cisco 3631
<b>Carrier Module</b>	<b>Not Required</b>	<b>Not Required</b>	<b>on-board</b>	<b>NM-2W</b>	<b>NM-1E2W, NM-1E1R2W, NM-2E2W</b>	<b>NM-1FE2W, NM-1FE1R2W, NM-2FE2W, NM-2W</b>	<b>Not Required</b>
<b>WIC-1B-U-V2</b>	not supported	First supported in 12.0(25), 12.1(19), 12.2(16) and 12.3(1)	First supported in 12.0(25), 12.1(19), 12.2(16) and 12.3(1)		First supported in 12.0(25), 12.1(19), 12.2(16) and 12.3(1)		First supported in 12.3(1)
<b>WIC-1B-U</b>	All Cisco IOS versions	All Cisco IOS versions	All Cisco IOS versions		Cisco IOS versions 11.2(4)XA, 11.2(5)P, all 11.3, 11.3T, all 12.x		not supported
<b>WIC36-1B-U</b>	not supported	not supported	not supported		Cisco IOS versions 11.x, 12.0, 12.0T, 12.1, 12.1T, 12.2. Not supported in 12.2T		not supported

(1) Supported on Cisco1601(R), 1602(R), and1605-R.

(2) Not supported on Cisco1603,1603-R,1604,1604-R and 1750.

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## Related Information

- [Connecting WAN and Voice Interface Cards to a Network](#)
  - [Access Technology Support Page](#)
  - [Technical Support – Cisco Systems](#)
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Updated: Jan 29, 2008

Document ID: 7248

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