

# WAN Interface Card (WIC)/Platform Hardware Compatibility Matrix for 1600, 1700, 2600, 3600, and 3700 Series Routers

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## Introduction

This document provides information for the WAN Interface Card (WIC)/Platform Hardware Compatibility Matrix for 1600, 1700, 2600, 3600, and 3700 series routers.

## Prerequisites

### Requirements

There are no specific requirements for this document.

### Components Used

This document is not restricted to specific software and hardware versions.

### Conventions

Refer to [Cisco Technical Tips Conventions](#) for more information on document conventions.

## Network Modules and WAN Interface Cards (WICs)

The following table shows the relationship between routers and network modules or WICs.

Model	Network Modules and WAN Interface Cards (WICs)
1600	WICs with no network modules.
1700	WICs with no network modules.
2600	Network Modules (NM-2W) are populated with WICs. The built-in WIC slot (on the Chassis) can also be populated with WICs.
3600	Network Modules (for example, NM-1E2W and NM-1FE2W) are populated with WICs.
3700	Network Modules (NM-2W) are populated with WICs. The built-in WIC slot (on the Chassis) can also be populated with WICs.

The following table shows which router models support the network modules and the WAN interface cards. For more information on the modules and cards, including Cisco IOS® software support, select the link for the module or card in question.

**Note:** The following table does not include Voice Network Modules and Voice Interface Card (VICs). For information on voice products refer to the document [Voice Hardware Compatibility Matrix \(Cisco 175x, 1760, 2600, 3600, 3700, VG200, Catalyst 4000, Catalyst 6500/6000\)](#).

Model	<a href="#">1601(R), 1602(R), 1605-R</a>	<a href="#">1603(R), 1604(R)</a>	<a href="#">1700</a>	<a href="#">2600, 2600XM</a>	
Network Module	Not Used	Not Used	Not Used	WIC slot	<a href="#">NM-2W</a>
WIC/VWIC					
<a href="#">WIC-1ADSL</a> One ADSL port	No	No	Yes*	Yes*	Yes*
<a href="#">WIC-1SHDSL</a> One G.SHDSL Port	No	No	Yes*	Yes*	Yes*
	* Requires a minimum "ADSL" feature set for the Cisco IOS.				
<a href="#">WIC-1ENET</a> One 10 Base-T Ethernet	No	No	Yes	No	No
<a href="#">WIC-1T</a> One serial port	Yes	Yes	Yes	Yes	Yes
<a href="#">WIC36-1B-S/T</a> One ISDN BRI S/T port, requires external NT-1	No	No	No	No	No
<a href="#">WIC36-1B-U</a> One ISDN BRI U port, internal NT-1	No	No	No	No	No
<a href="#">WIC-1B-S/T</a> One ISDN BRI S/T port, requires external NT-1	Yes	No	Yes	Yes	Yes
<a href="#">WIC-1B-U</a> One ISDN BRI U port, internal NT-1	Yes	No	Yes	Yes	Yes
<a href="#">WIC-1DSU-56K4</a> One 56/64 KBPS CSU/DSU	Yes	Yes	Yes	Yes	Yes
<a href="#">WIC-1B-S/T-LL</a> One leased line ISDN BRI with S/T port	No	Yes	No	No	No
<a href="#">WIC-1DSU-T1</a> One serial port with integrated T1 CSU/DSU	Yes	Yes	Yes	Yes	Yes
<a href="#">WIC-2T</a> Two serial ports using smart serial connector	No	No	Yes	Yes	Yes
<a href="#">WIC-2A/S</a> Two async/sync ports using smart serial connector	No	No	Yes	Yes	Yes
<a href="#">WIC-1/2AM</a> One or two-port V.90 analog modem	No	No	Yes	Yes	Yes
<a href="#">VWIC-1MFT-E1</a> 1-Port RJ-48 Multiflex Trunk - E1	No	No	Yes	Yes	Yes

<a href="#">VWIC-2MFT-E1</a> 2-Port RJ-48 Multiflex Trunk - E1	No	No	Yes	Yes	Yes
<a href="#">VWIC-2MFT-E1-DI</a> 2-Port RJ-48 Multiflex Trunk - E1 with drop and insert	No	No	Yes	Yes	Yes
<a href="#">VWIC-1MFT-G703</a> 1-Port RJ-48 Multiflex Trunk - E1 for unstructured G.703	No	No	Yes	Yes	Yes
<a href="#">VWIC-2MFT-G703</a> 1-Port RJ-48 Multiflex Trunk - E1 for unstructured G.703	No	No	Yes	Yes	Yes
<a href="#">VWIC-1MFT-T1</a> 1-Port RJ-48 Multiflex Trunk - T1	No	No	Yes	Yes	Yes
<a href="#">VWIC-2MFT-T1</a> 2-Port RJ-48 Multiflex Trunk - T1	No	No	Yes	Yes	Yes
<a href="#">VWIC-2MFT-T1-DI</a> 2-Port RJ-48 Multiflex Trunk - T1 with drop and insert	No	No	Yes	Yes	Yes

Model	3631		2691, 3725, 3745		3620, 3640		3660	
Network Module	Chassis WIC slot	Chassis WIC slot	<a href="#">NM-1FE2W</a> , <a href="#">NM-1FE1R2W</a> , <a href="#">NM-2W</a>	<a href="#">NM-1E2W</a> , <a href="#">NM-1E1R2W</a> , <a href="#">NM-2E2W</a>	<a href="#">NM-1FE2W</a> , <a href="#">NM-1FE1R2W</a> , <a href="#">NM-2FE2W</a> , <a href="#">NM-2W</a>	<a href="#">NM-1E2W</a> , <a href="#">NM-1E1R2W</a> , <a href="#">NM-2E2W</a>	<a href="#">NM-1FE2W</a> , <a href="#">NM-1FE1R2W</a> , <a href="#">NM-2FE2W</a> , <a href="#">NM-2W</a>	
WIC/VWIC								
<a href="#">WIC-1ADSL</a> One ADSL port	No	Yes*	Yes*	No	Yes*	No	Yes*	
<a href="#">WIC-1SHDSL</a> One G.SHDSL port	No	Yes	Yes	No	Yes*	No	Yes*	
* Requires a minimum "Plus" feature set for the Cisco IOS.								
<a href="#">WIC-1ENET</a> One 10 Base-T Ethernet	No	No	No	No	No	No	No	
<a href="#">WIC-1T</a> One serial port	No	Yes	Yes	Yes	Yes	Yes	Yes	
<a href="#">WIC36-1B-</a>								

<a href="#">S/T</a> One ISDN BRI S/T port, requires external NT-1	No	No	No	Yes	No	No	No
<a href="#">WIC36-1B-U</a> One ISDN BRI U port, internal NT-1	No	No	No	Yes	No	No	No
<a href="#">WIC-1B-S/T</a> One ISDN BRI S/T port, requires external NT-1	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<a href="#">WIC-1B-U</a> One ISDN BRI U port, internal NT-1	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<a href="#">WIC-1DSU-56K4</a> One 56/64 KBPS CSU/DSU	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<a href="#">WIC-1B-S/T-LL</a> One leased line ISDN BRI with S/T port	No	No	No	No	No	No	No
<a href="#">WIC-1DSU-T1</a> One serial port with integrated T1 CSU/DSU	No	Yes	Yes	Yes	Yes	Yes	Yes
<a href="#">WIC-2T</a> Two serial ports using smart serial connector.	Yes	Yes	Yes	No	Yes	No	Yes
<a href="#">WIC-2A/S</a> Two async/sync ports using smart serial connector	Yes	Yes	Yes	No	Yes	No	Yes
<a href="#">WIC-1/2AM</a> One or two-port V.90 analog modem	No	Yes	Yes	Yes	Yes	Yes	Yes
<a href="#">VWIC-1MFT-E1</a> 1-Port RJ-48	Yes	Yes	Yes	Yes	Yes	No	Yes

Multiflex Trunk - E1							
<a href="#">VWIC-2MFT-E1</a> 2-Port RJ-48 Multiflex Trunk - E1	Yes	Yes	Yes	No	Yes	No	Yes
<a href="#">VWIC-2MFT-E1-DI</a> 2-Port RJ-48 Multiflex Trunk - E1 with drop and insert	Yes	Yes	Yes	Yes	Yes	No	Yes
<a href="#">VWIC-1MFT-G703</a> 1-Port RJ-48 Multiflex Trunk - E1 for unstructured G.703	Yes	Yes	Yes	Yes	Yes	No	Yes
<a href="#">VWIC-2MFT-G703</a> 2-Port RJ-48 Multiflex Trunk - E1 for unstructured G.703	Yes	Yes	Yes	No	Yes	No	Yes
<a href="#">VWIC-1MFT-T1</a> 1-Port RJ-48 Multiflex Trunk - T1	Yes	Yes	Yes	Yes	Yes	No	Yes
<a href="#">VWIC-2MFT-T1</a> 2-Port RJ-48 Multiflex Trunk - T1	Yes	Yes	Yes	No	Yes	No	Yes
<a href="#">VWIC-2MFT-T1-DI</a> 2-Port RJ-48 Multiflex Trunk - T1 with drop and insert	Yes	Yes	Yes	Yes	Yes	No	Yes

**Network Module and Platform Compatibility Matrix for Cisco 2600 and 3600 Series Routers**

**Note:** Cisco 1600 and 1700 series routers do not have the necessary slots to support network modules (NMs).

Product Number	Description	<a href="#">2600, 2600XM</a>	<a href="#">3620, 3640</a>	<a href="#">3631</a>	<a href="#">3660</a>	<a href="#">2691, 3725, 3745</a>
<a href="#">NM-</a>	1 Fast Ethernet Plus					

<a href="#">1FE1CT1</a>	Channelized T1/PRI Network Modules	No	Yes	No	Yes	No
<a href="#">NM-1FE1CE1</a>	1 Fast Ethernet Plus Channelized E1/PRI Network Modules	No	Yes	No	Yes	No
<a href="#">NM-1CT1</a> <a href="#">NM-2CT1</a>	1/2 ISDN PRI/Channelized T1 Network Module	Yes	Yes	Yes	Yes	Yes
<a href="#">NM-1CE1</a> <a href="#">NM-2CE1</a>	1/2 ISDN PRI/Channelized E1 Network Module	Yes	Yes	Yes	Yes	Yes
<a href="#">NM-1E2W</a> <a href="#">NM-1E1R2W</a> <a href="#">NM-2E2W</a>	Ethernet LAN/WIC Network Modules	No	Yes	No	Yes	No
<a href="#">NM-1FE2W</a> <a href="#">NM-1FE1R2W</a> <a href="#">NM-2FE2W</a>	Fast Ethernet LAN/WIC Network Modules	No	Yes	No	Yes	Yes
<a href="#">NM-2W</a>	Network Module with 2 WIC slots (no LAN ports)	Yes	Yes	No	Yes	Yes
<a href="#">NM-4B</a> <a href="#">NM-8B</a>	4 or 8-Port ISDN-BRI Network Module	Yes	Yes	Yes	Yes	Yes
<a href="#">NM-xDM</a>	6 to 30 port Digital Modem Network Module	No	Yes	No	Yes	Yes
<a href="#">NM-8AM</a> <a href="#">NM-16AM</a>	Analog Modem Network Module	Yes	Yes	No	Yes	Yes
<a href="#">NM-4A/S</a> <a href="#">NM-8A/S</a>	4 or 8-Port Async/Sync Network Module	Yes	Yes	Yes	Yes	Yes
<a href="#">NM-16A</a> <a href="#">NM-32A</a>	16 or 32 Async Network Modules	Yes	Yes	No	Yes	Yes

**Note:** The Cisco IOS software versions provided are typically the minimum version required to support the platform, module or feature in question. To find out the complete list of Cisco IOS versions a feature, module, interface card, or chassis is in, see the [Software Advisor](#) ( [registered](#) customers only) tool. You must be a registered, logged in user to access these tools.

## Related Information

- [Overview of Cisco Network Modules](#)
- [Installing WAN and Voice Interface Cards](#)
- [Voice Hardware Compatibility Matrix \(Cisco 175x, 1760, 2600, 3600, 3700, VG200, Catalyst 4000, Catalyst 6500/6000\)](#)
- [Connecting WAN and Voice Interface Cards to a Network](#)
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