Catalyst GigaStack Gigabit Interface Converter Switch Compatibility Matrix

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This document contains the list of Cisco switching products that are compatible with the GigaStack Gigabit Interface Converter (GBIC) (part number WS-X3500-XL). The GigaStack GBIC adds port density and high-performance connectivity to supporting switches and modules.

Table 1 lists the switches and switch modules that support the GigaStack GBIC.

Table 1   Switches and Modules Supporting the GBIC

Model	Description	Minimum IOS Release Required
Catalyst 2912MF XL	12 100BASE-FX ports and 2 module slots	Release 12.0(5)XU
Catalyst 2924M XL	24 autosensing 10/100 ports and 2 module slots	Release 12.0(5)XU
Catalyst 2950G-12-EI	12 autosensing 10/100 Ethernet ports and 2 GBIC module slots	Release 12.1(6)EA2
Catalyst 2950G-24-EI	24 autosensing 10/100 Ethernet ports and 2 GBIC module slots	Release 12.1(6)EA2
Catalyst 2950G-24-EI-DC	24 autosensing 10/100 Ethernet ports and 2 GBIC module slots with DC-input power	Release 12.1(6)EA2
Catalyst 2950G-48-EI	48 autosensing 10/100 Ethernet ports and 2 GBIC module slots	Release 12.1(6)EA2
Catalyst 3508G XL	8 GBIC module slots	Release 12.0(5)XU
Catalyst 3512 XL	12 autosensing 10/100 Ethernet ports and 2 GBIC module slots	Release 12.0(5)XU
Catalyst 3524 XL	24 autosensing 10/100 Ethernet ports and 2 GBIC module slots	Release 12.0(5)XU

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Table 1   Switches and Modules Supporting the GBIC (continued)

Model	Description	Minimum IOS Release Required
Catalyst 3524 PWR XL	24 autosensing 10/100 inline-power Ethernet ports and 2 GBIC module slots	Release 12.0(5)XU
Catalyst 3548 XL	48 autosensing 10/100 Ethernet ports and 2 GBIC module slots	Release 12.0(5)XU
Catalyst 3550-12G	2 autosensing 10/100/1000 Ethernet ports and 10 GBIC module slots	Release 12.1(6)EA1
Catalyst 3550-12T	10 autosensing 10/100/1000 Ethernet ports and 2 GBIC module slots	Release 12.1(4)EA1c
Catalyst 3550-24-SMI Catalyst 3550-24-EMI	24 autosensing 10/100 Ethernet ports and 2 GBIC module slots	Release 12.1(6)EA1a
Catalyst 3550-24-DC-SMI	24 autosensing 10/100 Ethernet ports and 2 GBIC module slots with DC-input power	Release 12.1(6)EA1b
Catalyst 3550-24-FX-SMI	24 100BASE-FX ports and 2 GBIC module slots	Release 12.1(9)EA1c
Catalyst 3550-24PWR-SMI Catalyst 3550-24PWR-EMI	24 autosensing 10/100 Ethernet ports, 2 GBIC module slots, ability to provide power for Cisco IP Phones and Cisco Aironet Access Points from all 10/100 Ethernet ports, auto-detection, and control of inline power on a per-port basis on all 10/100 ports	Release 12.1(12c)EA1
Catalyst 3550-48-SMI Catalyst 3550-48-EMI	48 autosensing 10/100 Ethernet ports and 2 GBIC module slots	Release 12.1(8)EA1b
WS-X2931-XL module for Catalyst 2900 series XL switches	1 1000BASE-X port[1]	Release 12.0(5)XU

1. The 1000BASE-X module provides one switched 1000-Mbps port in half-duplex, full-duplex, or autonegotiation mode for a GigaStack GBIC connector. The port supports the IEEE 802.3Z 1000BASE-X standard.

Related Documentation

These documents provide information about the Gigastack GBIC and the switching products that support it:

- *Catalyst 2900 Series XL Hardware Installation Guide*

- *Catalyst 2900 Series XL Modules Installation Guide*

- *Catalyst 2900 Series XL and Catalyst 3500 Series XL Software Configuration Guide* (previously titled *Cisco IOS Desktop Switching Software Configuration Guide*)

- *Catalyst 2950 Desktop Switch Hardware Installation Guide*

- *Catalyst 2950 and Catalyst 2955 Switch Software Configuration Guide*

- *Catalyst 2950 and Catalyst 2955 Switch Command Reference*

- *Catalyst 3500 Series XL Hardware Installation Guide*
- *Catalyst 3550 Multilayer Switch Hardware Installation Guide*
- *Catalyst 3550 Multilayer Switch Software Configuration Guide*
- *Catalyst 3550 Multilayer Switch Command Reference*
- *Catalyst Gigastack Gigabit Interface Converter Hardware Installation Guide*
- *Release Notes for the Catalyst GigaStack Gigabit Interface Converter*

Obtaining Documentation

Cisco provides several ways to obtain documentation, technical assistance, and other technical resources. These sections explain how to obtain technical information from Cisco Systems.

Cisco.com

You can access the most current Cisco documentation on the World Wide Web at this URL:

http://www.cisco.com/univercd/home/home.htm

You can access the Cisco website at this URL:

http://www.cisco.com

International Cisco websites can be accessed from this URL:

http://www.cisco.com/public/countries_languages.shtml

Documentation CD-ROM

Cisco documentation and additional literature are available in a Cisco Documentation CD-ROM package, which may have shipped with your product. The Documentation CD-ROM is updated monthly and may be more current than printed documentation. The CD-ROM package is available as a single unit or through an annual subscription.

Registered Cisco.com users can order the Documentation CD-ROM (product number DOC-CONDOCCD=) through the online Subscription Store:

http://www.cisco.com/go/subscription

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You can find instructions for ordering documentation at this URL:

http://www.cisco.com/univercd/cc/td/doc/es_inpck/pdi.htm

You can order Cisco documentation in these ways:

- Registered Cisco.com users (Cisco direct customers) can order Cisco product documentation from the Networking Products MarketPlace:

  http://www.cisco.com/en/US/partner/ordering/index.shtml

- Registered Cisco.com users can order the Documentation CD-ROM (Customer Order Number DOC-CONDOCCD=) through the online Subscription Store:

  http://www.cisco.com/go/subscription

- Nonregistered Cisco.com users can order documentation through a local account representative by calling Cisco Systems Corporate Headquarters (California, U.S.A.) at 408 526-7208 or, elsewhere in North America, by calling 800 553-NETS (6387).

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Cisco provides Cisco.com, which includes the Cisco Technical Assistance Center (TAC) Website, as a starting point for all technical assistance. Customers and partners can obtain online documentation, troubleshooting tips, and sample configurations from the Cisco TAC website. Cisco.com registered users have complete access to the technical support resources on the Cisco TAC website, including TAC tools and utilities.

Cisco.com

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Technical Assistance Center

The Cisco TAC is available to all customers who need technical assistance with a Cisco product, technology, or solution. Two levels of support are available: the Cisco TAC website and the Cisco TAC Escalation Center. The avenue of support that you choose depends on the priority of the problem and the conditions stated in service contracts, when applicable.

We categorize Cisco TAC inquiries according to urgency:

- Priority level 4 (P4)—You need information or assistance concerning Cisco product capabilities, product installation, or basic product configuration.

- Priority level 3 (P3)—Your network performance is degraded. Network functionality is noticeably impaired, but most business operations continue.

- Priority level 2 (P2)—Your production network is severely degraded, affecting significant aspects of business operations. No workaround is available.

- Priority level 1 (P1)—Your production network is down, and a critical impact to business operations will occur if service is not restored quickly. No workaround is available.

Cisco TAC Website

You can use the Cisco TAC website to resolve P3 and P4 issues yourself, saving both cost and time. The site provides around-the-clock access to online tools, knowledge bases, and software. To access the Cisco TAC website, go to this URL:

http://www.cisco.com/tac

All customers, partners, and resellers who have a valid Cisco service contract have complete access to the technical support resources on the Cisco TAC website. Some services on the Cisco TAC website require a Cisco.com login ID and password. If you have a valid service contract but do not have a login ID or password, go to this URL to register:

http://tools.cisco.com/RPF/register/register.do

If you are a Cisco.com registered user, and you cannot resolve your technical issues by using the Cisco TAC website, you can open a case online at this URL:

http://www.cisco.com/en/US/support/index.html

If you have Internet access, we recommend that you open P3 and P4 cases through the Cisco TAC website so that you can describe the situation in your own words and attach any necessary files.

Cisco TAC Escalation Center

The Cisco TAC Escalation Center addresses priority level 1 or priority level 2 issues. These classifications are assigned when severe network degradation significantly impacts business operations. When you contact the TAC Escalation Center with a P1 or P2 problem, a Cisco TAC engineer automatically opens a case.

To obtain a directory of toll-free Cisco TAC telephone numbers for your country, go to this URL:

http://www.cisco.com/warp/public/687/Directory/DirTAC.shtml

Before calling, please check with your network operations center to determine the level of Cisco support services to which your company is entitled: for example, SMARTnet, SMARTnet Onsite, or Network Supported Accounts (NSA). When you call the center, please have available your service agreement number and your product serial number.

Obtaining Additional Publications and Information

Information about Cisco products, technologies, and network solutions is available from various online and printed sources.

- The *Cisco Product Catalog* describes the networking products offered by Cisco Systems as well as ordering and customer support services. Access the *Cisco Product Catalog* at this URL:

  http://www.cisco.com/en/US/products/products_catalog_links_launch.html

- Cisco Press publishes a wide range of networking publications. Cisco suggests these titles for new and experienced users: *Internetworking Terms and Acronyms Dictionary, Internetworking Technology Handbook, Internetworking Troubleshooting Guide,* and the *Internetworking Design Guide.* For current Cisco Press titles and other information, go to Cisco Press online at this URL:

  http://www.ciscopress.com

- *Packet* magazine is the Cisco monthly periodical that provides industry professionals with the latest information about the field of networking. You can access *Packet* magazine at this URL:

  http://www.cisco.com/en/US/about/ac123/ac114/about_cisco_packet_magazine.html

- *iQ Magazine* is the Cisco monthly periodical that provides business leaders and decision makers with the latest information about the networking industry. You can access *iQ Magazine* at this URL:

  http://business.cisco.com/prod/tree.taf%3fasset_id=44699&public_view=true&kbns=1.html

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