

Cisco 2600XM

Digital Subscriber Line (DSL) Router Bundles

Introduction

Cisco Systems is pleased to announce of the new 2600XM DSL Router Bundles. In order to provide customers with easy-to-order solutions to meet their Digital Subscriber Line (DSL) networking needs, six new DSL router bundles are available based on the new Cisco 2600XM modular multiservice router platforms. These DSL bundles greatly simplify customer ordering. Using only one part number, customers can order a Cisco 2600XM router with all the necessary components at a reduced price compared to ordering each component separately. Each DSL bundle can also be ordered with additional WAN Interface Cards (WICs), Network Modules (NMs), and Advanced Integration Modules (AIMs). The DSL bundles are available in both Asymmetric DSL (ADSL) and Single-pair High-bit-rate DSL (SHDSL) versions.

Cisco 2611XM-ADSL Router Bundle includes:

- Dual Fast Ethernet Router with 2 WAN Interface Card (WIC) Slots and 1 NM Slot
- Memory upgrade for both Flash and DRAM: (32-MB Flash and 128-MB DRAM)
- Cisco IOS Software: Cisco IOS IP PLUS
- WIC-1ADSL

Cisco 2621XM-ADSL Router Bundle includes:

- Dual Fast Ethernet Router with 2 WAN Interface Card (WIC) Slots and 1 NM Slot
- Memory upgrade for both Flash and DRAM: (32-MB Flash and 128-MB DRAM)
- Cisco IOS Software: Cisco IOS IP PLUS
- WIC-1ADSL

Cisco 2651XM-ADSL Router Bundle includes:

- Dual Fast Ethernet Router with 2 WAN Interface Card (WIC) Slots and 1 NM Slot
- Memory upgrade for both Flash and DRAM: (32-MB Flash and 128-MB DRAM)
- Cisco IOS Software: Cisco IOS IP PLUS
- WIC-1ADSL

Cisco 2611XM-SHDSL Router Bundle includes:

- Dual Fast Ethernet Router with 2 WAN Interface Card (WIC) Slots and 1 NM Slot
- Memory upgrade for both Flash and DRAM: (32-MB Flash and 128-MB DRAM)
- Cisco IOS Software: Cisco IOS IP PLUS
- WIC-1SHDSL



Cisco 2621XM-SHDSL Router Bundle includes:

- Dual Fast Ethernet Router with 2 WAN Interface Card (WIC) Slots and 1 NM Slot
- Memory upgrade for both Flash and DRAM: (32-MB Flash and 128-MB DRAM)
- Cisco IOS Software: Cisco IOS IP PLUS
- WIC-1SHDSL

Cisco 2651XM-SHDSL Router Bundle includes:

- Dual Fast Ethernet Router with 2 WAN Interface Card (WIC) Slots and 1 NM Slot
- Memory upgrade for both Flash and DRAM: (32-MB Flash and 128-MB DRAM)
- Cisco IOS Software: Cisco IOS IP PLUS
- WIC-1SHDSL

These six distinct bundles were created to ease ordering while still giving customers maximum choice in performance, DSL interfaces, memory, and price points. The below table quickly summarizes the differences in the various Cisco 2600XM DSL bundles.

Table 1 DSL 2600XM Bundles

Bundle	Router	IOS Image	WAN Interface Card	Fast Ethernet Ports	Flash (MB)	DRAM (MB)	Router Performance (kpps)
CISCO2611XM-ADSL	2611XM	IP Plus	WIC-1ADSL	2	32	128	20kpps
CISCO2621XM-ADSL	2621XM	IP Plus	WIC-1ADSL	2	32	128	30kpps
CISCO2651XM-ADSL	2651XM	IP Plus	WIC-1ADSL	2	32	128	40kpps
CISCO2611XM-SHDSL	2611XM	IP Plus	WIC-1SHDSL	2	32	128	20kpps
CISCO2621XM-SHDSL	2621XM	IP Plus	WIC-1SHDSL	2	32	128	30kpps
CISCO2651XM-SHDSL	2651XM	IP Plus	WIC-1SHDSL	2	32	128	40kpps

All Bundles come with Cisco IOS Software release 12.2(8)T5 initially.

DSL Bundle Features and Benefits

DSL can help companies reap benefits such as dramatically lowered WAN costs, improved global connectivity, and high reliability, while providing sufficient bandwidth for combining such critical traffic as voice and video with data. Additionally, service providers can increase their subscriber revenues by bundling services and by offering differentiated service levels through Service Level Agreements (SLAs).

Cisco 2600XM Routers

The Cisco 2600XM modular multiservice access routers are ideal for DSL connectivity. They deliver a rich, integrated package of routing, firewall, dial, Packet Voice Gateway and VPN functions. The Cisco 2600 series together with the ADSL or SHDSL WAN Interface Modules (WICs) are the perfect solution for a variety of businesses requiring high-speed business-class DSL connectivity on a secure, high-performance modular platform.



ADSL WIC (WAN Interface Card)

The ADSL WIC included with the CISCO2600XM-ADSL Router Bundles is based on the ITU G.992.1 (G.dmt) and ITU G.992.2 (G.lite) standards. The WIC-1ADSL operates at speeds of up to 8Mbps downstream and 1.5Mbps upstream. Multiple ADSL WICs can be provisioned per 2600XM to provide even higher bandwidth or WAN backup.

SHDSL WIC (WAN Interface Card)

The SHDSL WIC included with the CISCO2600XM-SHDSL Router Bundles is based on the ITU G.991.2 standard. The WIC-1SHDSL operates at symmetric speeds of up to 2.3Mbps over a single copper pair. Multiple SHDSL WICs per 2600XM can be provisioned for extra bandwidth or WAN backup. Additionally, the SHDSL WICs can operate back-to-back for campus environments.

DSL Router Bundle Ordering Information

Table 2 DSL Bundle Ordering Information

Cisco Part Number	Description
ADSL WIC Bundles	
CISCO2611XM-ADSL	2611XM ADSL Bundle, WIC-1ADSL, 2FE, IP Plus, 32FLASH, 128DRAM
CISCO2621XM-ADSL	2621XM-ADSL Bundle, WIC-1ADSL, 2FE, IP Plus, 32FLASH, 128DRAM
CISCO2651XM-ADSL	2651XM-ADSL Bundle, WIC-1ADSL, 2FE, IP Plus, 32FLASH, 128DRAM
SHDSL Bundles	
CISCO2611XM-SHDSL	2611XM SHDSL Bundle, WIC-1SHDSL, 2FE, IP Plus, 32FLASH, 128DRAM
CISCO2621XM-SHDSL	2621XM-SHDSL Bundle, WIC-1SHDSL, 2FE, IP Plus, 32FLASH, 128DRAM
CISCO2651XM-SHDSL	2651XM-SHDSL Bundle, WIC-1SHDSL, 2FE, IP Plus, 32FLASH, 128DRAM

Note: All Bundles come with Cisco IOS Software release 12.2(8)T5 initially.

Summary

The Cisco 2600XM bundles allow Enterprise and Service Providers to easily deploy the popular Cisco 2600XMs routers as DSL CPE and to take advantage of the incredible flexibility these platforms offer.

The Cisco 2600XM bundles are a great complement to the Cisco SOHO, 800, and 1700 DSL bundles also available from Cisco extending the range of functionality and price points available to the DSL CPE buyer.



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