BLACK BOX ®
NETWORK SERVICES

Cisco 2600 Modular Access Routers
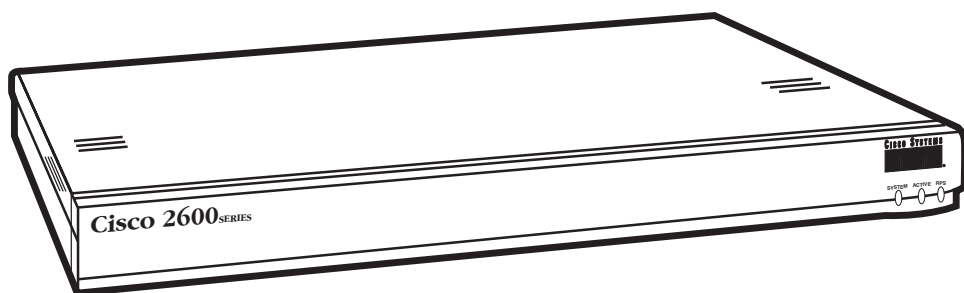
Add <u>free</u> voice and fax
to WAN traffic!

Key Features

▶ *Fast return on investment.*

▶ *Save by integrating voice/fax and data on a single line.*

▶ *Modular architecture enables you to customise the Router to your needs.*

▶ *Hot-swappable modules can be installed without downtime.*

▶ *Choose from models with 1 or 2 Ethernet LAN ports.*

▶ *Full Cisco IOS™ support ensures complete compatibility with all Cisco routers.*

▶ *High-performance RISC architecture.*

Versatile and powerful 2600 Routers from Cisco share many features with the popular Cisco 1600 and 3600 series, providing a cost-effective integrated solution to your networking needs.

These modular 2600 Routers help you save big on line costs by integrating voice and data on a single leased line. Because your phone calls to a branch office will now be routed over same line as your WAN data, you save big on long-distance costs—the 2600 Router can pay for itself in a surprisingly short time.

The 2600 Router is reliable, too. Your links to branch offices are always secure. Advanced security features prevent intrusion by unwanted users. And if your WAN line goes down, the router can automatically switch voice traffic to the regular phone lines.

Each router incorporates single- or dual-Ethernet LAN interfaces, two Cisco WAN interface card slots, a Cisco network module slot, and a new Advanced Integration Module (AIM) slot.

Modular architecture

Cisco 2600 Routers have a modular architecture, so you can customise them to your application. Add users or remote locations easily without disrupting service—all modules are completely hot-swappable, which means no downtime when you change the router's configuration. The new AIM slot of the Cisco 2600 series supports advanced services such as hardware-assisted data compression and data encryption.

Modular architecture provides the versatility you need to adapt to changes in network technology when new services and applications become available. Cisco 2600 Series Routers are an investment for the long term.

Support for most interfaces

The WAN interface cards for the Cisco 2600 Series (as well as the 1600 and 3600 Series) support a variety of line types for primary and backup WAN connectivity, including ISDN, leased lines (including E1), and ordinary analogue public switched telephone lines.

Cisco multiservice integration

Because 2600 Series Routers are compatible with and share modular interfaces with the Cisco 1600 and 3600 Series, they can be part of a complete cost-saving WAN solution. The 2600 Series Routers are particularly useful for establishing connections to remote offices. As part of Cisco's comprehensive end-to-end networking solution, the Cisco 2600 Series enables you to extend a cost-effective, seamless network infrastructure—even to your branch offices.

A Cisco Series 2600 Router also integrates the functions of an ISDN Network Termination (NTI) device, and other equipment likely to be found in your remote-branch-

Typical Application

Connect a branch office over E1 lines. Because 2600 Series Routers integrate voice traffic with LAN traffic, all phone calls to and from your branch office are free!

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office wiring closets—all in one compact space-saving, money-saving solution.

Manageability

Cisco 2600 routers can be managed remotely—there's no need to have a WAN expert at your branch office—and less reason to have to visit your branch office in person.

Like all Cisco Routers, the 2600 Series supports CiscoWorks and CiscoView. The 2600 Series also supports Cisco Voice Manager (CVM).

Reliability

Minimise downtime. An optional redundant power supply takes over in the event the primary power supply fails. The redundant power supply can be shared with other Cisco network components.

Dial-on demand routing provides automatic backup of your WAN connection in the even of primary-link failure.

A dual-bank flash ROM stores a backup copy of your Cisco IOS software.

Ergonomic design

Cisco 2600 Series Routers are designed to be easy to work with.

LED status indicators give you an at-a-glance look at power, RPS status, network activity, and interface status.

All network connections are on the back of the router for easy installation and cable management. The easy-open chassis design gives you quick access for module installation.

And last, but not least, the whisper-quiet multispeed fan makes this router civilised company even in an office environment.

Specifications

Console/Auxiliary Speed — up to 115.2 kbps

Data Compression — STAC

Line Type — Leased, PSTN, ISDN

Noise Level — 38 to 42 dbA

Operating Temperature — 0 to 40° C

Packet Filtering — Based on network address

Processor — Motorola MPC860, 40 MHz

Protocols — LAN: IP, IPX™, AppleTalk®; WAN: PPP, Frame Relay

Relative Humidity — 5 to 95% noncondensing

Security — PAP, CHAP, RADIUS access lists, data encryption

Slots — (2) WAN Interface; (1) Network Module; (1) AIM (Advanced Internal Module)

Storage Temperature — -25 to 70° C

System Memory — 16 MB, expandable to 64 MB

Connectors — Both: (1) RJ-45 (Console), (1) RJ-45 (Aux); CISCO2610: (1) RJ-45 (Ethernet); CISCO2611: (2) RJ-45 (Ethernet)

Power — 100–240 VAC, 50–60 Hz, autosensing; Dissipation: 72W maximum

Size — 4.3H x 44.5W x 30D cm (1.7"H x 17.5"W x 11.8"D)

Weight — 4 kg to 4.7 kg, depending on configuration

Additional equipment you may need:

Category 5 Solid-Conductor Cable, 4-Pair, Straight-Pinned, PVC, 10-ft. (3.0-m) EYN737MS-0010

Ordering Information

This information will help you place your order quickly.

PRODUCT NAME	ORDER CODE
Cisco 2600 Series Modular Access Routers	
One Ethernet LAN Interface CISCO2610	
Two Ethernet LAN Interfaces CISCO2611	
Voice/Fax Network Modules for Cisco 2600	
One-Slot..NM-1V=	
Two-Slot..NM-2V=	
Voice Interface Cards for Voice/Fax Network Modules	
Two-Port FXS..VIC-2FXS=	
Two-Port FXO ....VIC-2FXO=	
Two-Port E&M ....VIC-2E/M=	

To make additional WAN connections…

1-Port WAN Interface Cards
Serial WIC-1T
ISDN..WIC-1B-S/T
ISDN with NT1..WIC-1B-U

You need to order one of the following for each 2600 Router…

Cisco 2600 Feature Packs
IP Feature Pack CD26-C
IP Plus Feature Pack CD26-CP
IP/IPX/AppleTalk/DEC™ Feature Pack
....CD26-B
IP/IPX/AppleTalk/DEC Plus Feature Pack
....CD26-BP
Enterprise Feature Pack.......................................CD26-AP

(NOTE: See FaxBack #21339 for more information on Cisco Feature Packs)

You may also need additional…

DRAM DIMM Upgrades for Cisco 2600
4 MB...MEM2600-4D=
8 MB...MEM2600-8D=
16 MB...MEM2600-16D=
32 MB...MEM2600-32D=

Rackmount Kits for Cisco 2600
19"..ACS-2600RM-19=
24"..ACS-2600RM-24=