Cisco 800 Series Routers

Cisco IOS features

- Dial-on-demand routing dials the ISDN line automatically when needed, terminating the connection at the end of a user's session .
- Multilink PPP and Bandwidth Allocation Control Protocol for bandwidth on demand.
- Snapshot routing for IP and IPX prevents ISDN call charges for periodic routing updates.
- Stac data compression.
- NAT creates a private network and an additional layer of network security.
- PAP, CHAP, D channel dialback, caller ID, and ACLs, prevent unauthorized access.
- Route and router authentication, firewall, encryption, and GRE tunneling.
- Dynamic IP addresses for ease of configuration.
- Remote management and monitoring via SNMP or Telnet and local management via console port.

Cisco 800 Series routers provide small offices and corporate telecommuters everything they need for Integrated Services Digital Network (ISDN) access to the internet and a corporate LAN. By incorporating powerful Cisco IOS® features, the Cisco 800 Series gives small offices the capabilities usually found only in large business networks.

Small office users and corporate telecommuters can now take advantage of advanced applications - such as managed network services, vibtual private networks (VPNs), and secure Internet access.

The Cisco 801 model provides an ISDN Basic Rate S/T interface.
The Cisco 803 model adds a four-port Ethernet hub and two RJ-11 interfaces for plain old telephone service (POTS) devices such as telephones, fax machines, and modems. Supplementary telephone services such as call waiting, call-waiting cancel, call hold, call retrieve, three-way conferencing, and call transfer are also supported if supported by a user's telephone company.

Field upgradable Flash and DRAM memory in all Cisco 800 Series models protects equipment investments as technologies and networking requirements change.

Cisco IOS Release 12.0(1)XB Feature Set	Cisco 800 Series Memory Requirements	
	Flash	DRAM
IP	8 MB (default)	4 MB (default)
IP/IPX/Plus	8 MB	4 MB
IP/X.25	8 MB	4 MB
IP for ISPs	8 MB	4 MB

800 Series Router Specifications	801	803
Default DRAM1 Memory	4 MB	4 MB
Default Flash2 Memory	8 MB	8 MB
Connectors:		
POTS		Two RJ-11
Ethernet	(1) RJ-45	(4) RJ-45
Console	RJ-45	RJ-45
Indicators	11 LEDs	17 LEDs
Power Supply	External / universal	External / universal

Ordering Information	
Item	*Product Code*
Cisco 800 Series Router	
ISDN BRI	CISCO801
ISDN BRI + 4PORT HUB + 2 POTS	CISCO803
Cisco 800 Series Memory Options	
CISCO 801-804 4MB FLASH MINI - CARD	MEM800-4F=
CISCO 801-804 8MB FLASH MINI - CARD	MEM800-8F=
CISCO 801-804 4MB DRAM DIMM	MEM800-4D=
CISCO 801-804 8MB DRAM DIMM	MEM800-8D=
Cisco 800 Series Software Options	
CISCO 801-804 IOS IP/IPX	S8BP-12.0.1XB
CISCO 801-804 IOS Service Provider	S8Z –12.0.1XB
CISCO 801-804 IOS IP/X25	S8CX-12.0.1XB
CISCO 801-804 IOS IP FOR ISP's	S8C1-12.0.1XB
CISCO 801-804 IOS IP	S8C-12.0.1XB