

C836/4xENet router RJ45



The Cisco 836 router is ideal for providing secure Internet and corporate network connectivity to small remote offices and to teleworkers. The Cisco 836 router provides integrated security services and advanced quality of service (QoS) features for high-quality data, voice, and video applications. It offers easy deployment and remote management features with Cisco IOS Software. The Cisco 836 router has an integrated asymmetric digital subscriber line (ADSL) modem that supports ADSL over Integrated Services Digital Network (ISDN). It has an integrated ISDN Basic Rate Interface (BRI) S/T port for a backup ISDN line, and a four-port 10/100 Ethernet LAN switch for connecting multiple PCs or network devices in a small-office network. The Cisco 836 router delivers integrated enterprise-class security services, including hardware-accelerated IP Security (IPSec), Triple Data Encryption Standard (3DES) encryption for virtual private networks (VPNs), and stateful-inspection firewall for secure Internet connectivity. Optional advanced features - such as Cisco Easy VPN Remote (a software feature that allows simple deployment and management of VPNs); public key infrastructure (PKI) security requiring digital certificates; IPSec Network Address Translation transparency (NAT-T); the Cisco Intrusion Detection System (IDS); AES encryption, and URL filtering - help ensure that the small office receives the highest level of security, which contributes to the corporate network's security. The advanced QoS and high-performance encryption features of the Cisco 836 router provide high-quality voice and video services to remote users. When IP phones are connected at a remote site, a Cisco 836 router can queue and prioritize the voice traffic over data traffic to ensure a high-quality, secure voice-over-IP (VoIP) connection from the remote or home office back to the corporate network. Unique Cisco IOS software capabilities such as Preclassification of Traffic prior to Encryption and Look-ahead Fragmentation before Encryption ensure that traffic is correctly prioritized over a secure IPSec tunnel. The Cisco 836 router uses valuable management and deployment tools to deliver the industry's lowest total cost of ownership for connecting small remote offices and teleworkers to the corporate network. As a remotely manageable platform, the Cisco 836 router supports advanced remote troubleshooting commands available in Cisco IOS Software; out-of-band management through an ISDN port; and Secure Shell (SSH) Protocol for secure in-band management via Telnet. For reliable access, the ISDN port provides ISDN dial backup and out-of-band management. The Cisco 836 router runs Cisco IOS Software, the industry-proven software that has become the standard for reliable business access.

Product Description	Cisco 836 - router
Device Type	Router
Form Factor	External
Dimensions (WxDxH)	24.6 cm x 21.6 cm x 5.1 cm
Weight	0.7 kg
Processor	Motorola
RAM	32 MB (installed) / 48 MB (max)
Flash Memory	8 MB (installed) / 24 MB (max)

Data Transfer Rate	100 Mbps
Routing Protocol	IGRP, RIP-1, RIP-2
Data Link Protocol	Ethernet, Fast Ethernet
Network / Transport Protocol	TCP/IP, PPTP, IPSec, PPPoE, PPPoA
Remote Management Protocol	SNMP, Telnet
Digital Signaling Protocol	ADSL, ISDN DSS1/ETSI, VN4 (France), VN3 (France)
Features	Cisco IOS , firewall protection, DHCP support, NAT support, PAT support, STAC-LZS compression, packet filtering, manageable
Compliant Standards	IEEE 802.3, IEEE 802.3U
Power	AC 100/240 V (50/60 Hz)
Manufacturer Warranty	1 year warranty

Details

General

Device Type	Router
Form Factor	External
Width	24.6 cm
Depth	21.6 cm
Height	5.1 cm
Weight	0.7 kg

Memory

RAM	32 MB (installed) / 48 MB (max)
Flash Memory	8 MB (installed) / 24 MB (max)

Expansion / Connectivity

Expansion Slots Total (Free)	1 (1) x memory
Interfaces	4 x network - Ethernet 10Base-T/100Base-TX - RJ-45 1 x management - console - RJ-45 1 x modem - ADSL - RJ-11 1 x modem - ISDN BRI ST - RJ-45

Manufacturer Warranty

Service & Support	1 year warranty
Service & Support Details	Limited warranty - 1 year

Processor

Type	Motorola
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Networking

Connectivity Technology	Cable
Data Transfer Rate	100 Mbps
Data Link Protocol	Ethernet, Fast Ethernet
Switching Protocol	Ethernet
Network / Transport Protocol	TCP/IP, PPTP, IPSec, PPPoE, PPPoA
Routing Protocol	IGRP, RIP-1, RIP-2
Remote Management Protocol	SNMP, Telnet
Status Indicators	Port status, power
Features	Firewall protection, DHCP support, NAT support, PAT support, STAC-LZS compression, packet filtering, manageable
Compliant Standards	IEEE 802.3, IEEE 802.3U

Miscellaneous

Cables Included	1 x network cable 2 x modem cable
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	1 x serial cable
Encryption Algorithm	DES, Triple DES, MD5, SHA-1
Authentication Method	RADIUS, PAP, CHAP, TACACS+
Power	
Power Device	Power adapter - external
Voltage Required	AC 100/240 V (50/60 Hz)
Power Consumption Operational	10 Watt
Software / System Requirements	
OS Provided	Cisco IOS
Software Included	Drivers & Utilities
Environmental Parameters	
Min Operating Temperature	0 °C
Max Operating Temperature	40 °C
Humidity Range Operating	10 - 85%
Communications	
Type	DSL modem
Digital Signaling Protocol	ADSL, ISDN DSS1/ETSI, VN4 (France), VN3 (France)
Max Transfer Rate	8 Mbps

Related Products

Operating Systems

824630 CISCO - Cisco IOS IP/FW/PLUS DIAL BACKUP 3DES - (v. 12.2(11)YV) - complete package - Flash (S836CHSK9-12211YV=)

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