

Broadband Access Router

——BDCOM 1721 Series Router

overview

The BDCOM 1721 series router are designed into a modular structure, which provide plenty of network/voip interface cards.they use the network operating system platform—BD-ROS (Routing Operating System) of BDCOM technologies to provide rich software features,so that it Allows interfaces to be upgraded to accommodate network expansion or changes in technology as new services and applications are deployed. processes more powerful processing capability. be Multiservice data / voice / fax integration. The BDCOM 1721 series router include BDCOM 1721. BDCOM 1721-DC.

The BDCOM 1721 series router can act the branches of long-distance in large/medium enterprise. the core routers in medium/small enterprise networks as well as the access routers in some larger branches.It supports such high speed. safely. reliably as leased line services. accessing of internet. PPPoE. VoIP.



Key Features and Benefits

- Adopting a modular structure to provide rich and selectable modules.
- supporting more transferable moduler to reduce investment of user and trouble of system.
- Multiservice data / voice / fax integration
- Providing rich network security features.: VPN, firewall
- Multiple routing protocol support
- Supporting QoS: queuing algorithm to solve a specific network traffic problem.
- Using the network operating system platform- ROS (Routing Operating System) of BDCOM.
- Flexible management
- CLI of chinese/English.
- AC/DC power

Product information

Name	Description
BDCOM1721	1 interface slot 1 console port 1 10/100M Fast Ethernet Port 1 10M Ethernet port 1 Sync/Async serial port
VIC-2FXS	2-port FXS voice/fax interface card
VIC-2FXO	2-port FXO voice/fax interface card
VIC-2E&M	2-port E&M voice/fax interface card
EIC-8ASY	8-port Async Serial

Technical specification

1. Supported Protocols and Applications

Data link Layer	FR X.25 LAPB PPP PPPoE Server/Client Multilink PPP HDLC SLIP ISDN PRI/BR LLC2 SDLC DSLW-SSP XoT X.25-TCP(BDCOM Private) , VLAN
Network Layer	ARP, Proxy-ARP, DNS, NAT, ICMP, IGMP, DHCP Server/Client/Relay, IP Multicast, NHRP, PIM-DM/SM
Routing Protocol	Static Routing, RIP, OSPF, BEIGRP Compact With Cisco EIGRP, BGP-4, DDR, DVMRP, PBR
Security	AAA Radius, TACACS+, Firewall, L2TP, GRE, IPSec, IKE
Reliability Functions	Port Backup, HSRP, E-backup BDCOM Private, Ethernet remote line auto-detected BDCOM Private
QoS	FIFO, PQ, CQ, CBWFQ, WFQ, RED, WRED, RTS, RSVP
Management	SNMP V1/2/3, RMON, PDP compatible With Cisco CDP
Voice application	VoIP FAX over IP Gatekeeper Server/Client IVR

2. Hardware Feature

CPU	Basic frequency 66MHz
Flash	8~32MB
SDRAM	32~64MB
EPROM	512K
Interface	1 console port 1 10/100M Fast Ethernet Port 1 10M Ethernet port 1 Sync/Async serial port
Slot	1 interface slot(1 EIC)
Operating Temperature	0 to 40 (32 to 104°F)

Nonoperating Temperature		-20 to 65 (-4 to 149°F)
Relative Humidity		10% to 85% noncondensing
Power Consumption	AC	100 V, 240V, 50 Hz 60Hz
	DC	-36 V -72V 1.5A
Output, Watts		40W Max
Dimensions (L x W x H)		445mmx270 mmx45mm