

## BDCOM 1710 Series Router

### Overview

The BDCOM 1710 series routers are a new product of accessing router, which is used widely by broad band or especial application .

They use the network operating system platform—BD-ROS (Routing Operating System) of BDCOM technologies to provide rich software features, so that it can be adapt application and expandability of new technology\operation\function . BDCOM 1710 series provide 2 ethernet ports\1 high-speed series port to make network more flexible, and adopt high-powered CPU to assure user's requirement of synthesize operation .

BDCOM 1710 series are the diaphanous structure router, it has higher-performance\excellent performance-rate . They 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.



### Key Features and Benefits

- Strong data processing capability – adopt high-performance CPU and advance bus technology to assure network application in high-speed environment.
- Strictness Security—perfect firewall, VPN to assure fully data transmission safety
- Richness router protocol—support multifarious router protocol, assure renewed distribution of each router protocol information.
- Traffic management policy—support multifarious queue algorithm to ensure key operation bandwidth requirement.
- Perfect terminal access function- BDCOM RouterRAS to realize class telnet or mute terminal application.
- Agility management and maintenance—support multifarious management mode to manage and vindicate network easily.
- Choiceness performance-rate ratio—be excellent performance-rate ratio to decrease investment fully.
- Chinese /English on-line help interface.

- AC/DC power-- BDCOM 1710 used AC power supply , BDCOM 1710-DC used DC power supply.

## Product information

Name	Description
interface	1 console port 1 10/100M Fast Ethernet Port 1 10M Ethernet port 1 Sync/Async serial port
RLB2804	V.24 <b>cross</b> cable (DB44(PIN)- DB25(HOLE))
RLS0001	V.28 conduction straight cable [DB44(PIN)-DB25(PIN)]
RLS0101	V.35 conduction straight cable [DB44(PIN)-DB34(PIN)]
RLB3502	V.35 <b>cross</b> cable [DB44(PIN)-DB34(HOLE)]
RLC0301	Monitor cable
RLBE1	Ethernet <b>cross</b> cable [RJ45-RJ45] <b>cross</b>
DB220	Power cable DB220V
MEM-SDRAM-64A	64M EMS memory

## 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 DLSW-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

### 2. Hardware Feature

CPU	Motorola MPC RISC
Flash	8~32MB
SDRAM	64MB
EPROM	512K

Interface		1 console port 1 10/100M Fast Ethernet Port 1 10M Ethernet port 1 Sync/Async serial port
Operating Temperature		0 to 40
Nonoperating Temperature		-20 to 65
Relative Humidity		10% to 85% noncondensing
Power Consumption	AC	170 V, 260V, 47Hz 63Hz ,1A/230V
	DC	-36 V -72V 1.5A
Output, Watts		40W Max
Dimensions (L x W x H)		445mmx270 mmx45mm