

Access Router



—AT 1710 Series Router

Overview

The AT 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 AT technologies to provide rich software features, so that it can be adapt application and expandability of new technology\operation\function . AT 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 synthesise operation . AT 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- AT Route RAS to realize class telnet or mute terminal application.

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- 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.

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 across cable (DB44(PIN)- DB25(HOLE))
RLS0001	V.28 conduction through cable [DB44(PIN)-DB25(PIN)]
RLS0101	V.35 conduction through cable [DB44(PIN)-DB34(PIN)]
RLB3502	V.35 across cable [DB44(PIN)-DB34(HOLE)]
RLC0301	Monitor cable
RLBE1	Ethernet across cable [RJ45-RJ45 across]
DB220	Power cable DB220V
MEM-SDRAM-64A	64M EMS memory

Technical specification

Supported Protocols and Applications

Data link Layer	FR X.25 LAPB PPP PPPoE Server/Client Multilink PPP HDLC SLIP ISDN PRI/BRI LLC2 SDLC DSLW-SSP XoT X.25-TCP(AT 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 AT Private, Ethernet remote line auto-detected AT Private
QoS	FIFO, PQ, CQ, CBWFQ, WFQ, RED, WRED, RTS, RSVP
Management	SNMP V1/2/3, RMON, PDP compatible With Cisco CDP

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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	
Non operating Temperature	-20 to 65	
Relative Humidity	10% to 85% non condensing	
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)	445mm×270 mm×45mm	

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