

BDCOM 2624 Switching Router

——Hi-performance Multi-Service Access Switch Integrated Router

Proudly presented by Shanghai Baud Data Communication Co., Ltd. (BDCOM), BDCOM 2624 is modularized designed, supports Fast Ethernet and serial ports. The two open slots can hold up to 16 types of network/voice interface cards, which gives rich application combinations. BDCOM routing operating system (BD-ROS) is developing ceaselessly and stands as the platform to embrace new technologies, services, and applications. BDCOM 2624 and BDCOM 1700/2600 series share the same modularized interface. Overall, BDCOM 2624 is ideal for terminal application of finance system nodes as the integration access platform.



BDCOM 2624

Features

- **Routing switching Integration** —— greatly decrease the amount of user devices and fully optimize the user investment
- **Fixed interface and modular design** —— LAN/WAN ports satisfy the network establishment. Flexible configuration and expansion.
- **Data Processing** —— Powerful CPU and advanced bus technology guarantee the performance of network applications.
- **Transfer Modules** —— Support for transfer modules enables integration of routers and transfer modules, lowering user investment and network down time.
- **Security** —— Firewall, VPN and other security measures ensure the secure of data transfer.
- **Routing Protocols** —— Support many routing protocols and re-distribution of routing information across protocols.
- **Traffic Control** —— Support multiple queuing algorithms. Guarantee bandwidth for key services.
- **Terminal Access** —— With BDCOM RouteRAS software, support Telnet-like or dumb terminal applications.
- **Management/Maintenance** —— Easy management/maintenance through rich management options.
- **Cost Effectiveness** —— High performance/cost effectiveness and guarantee the user investment.
- **Online Help** —— Online help available in English

- **Power Supply** —— BDCOM2624 supports AC, BDCOM2624-DC supports DC.

Protocols Supported

Data Link Layer	FR, X.25, LAPB, PPP, PPPoE (Server/Client)、Multilink PPP, HDLC, SLIP, ISDN (PRI/BRI), LLC2, SDLC, DLSW-SSP, XoT, X.25-TCP, 802.1Q, MPLS
Network Layer	ARP, Proxy ARP, DNS, DNS Proxy, NAT, ICMP, IGMP, DHCP (Server/Client/Relay), IP Multicast, PIM-DM/SM
Routing	Static, RIP, OSPF, BEIGRP, BGP-4, DDR, PBR, DVMRP
Switching	802.1Q VLAN, Port Isolation、Port MAC binding
Security	AAA Radius, TACACS+, Firewall, L2TP, PPTP, GRE, IPSec, IKE, MPLS VPN
Reliability	Port Backup, HSRP, VRRP, E-backup(BDCOM Proprietary), Ethernet remote line auto-detection(BDCOM Proprietary)
QoS	FIFO, PQ, CQ, CBWFQ, WFQ, RED, WRED, DSCP, IP Precedence, RTS, RSVP, CAR
Network Management	SNMP V1/2/3, RMON, PDP(compatible with Cisco CDP)

Specifications

Port	1* Console Port 1* AUX Port 1* 10/100M Fast Ethernet Routing Port 2* Fast Syn/Asyn Serials Ports 24* 10/100M Fast Ethernet Switching Ports
Slot	1* Network Interface Card Slot 3* Expansion Interface Card Slots
Boot ROM	512 K
Flash	8 M
SDRAM	64 M
Dimensions (L × W × H)	445mm×310mm×45mm
Temperature/Humidity	Operating: 0℃~40℃; 10%~85% no condensing Non-operating: -20℃~65℃; 5%~95% no condensing
Power Supply	AC: 100~240V, 47~63Hz, 1A/230V DC: -36~-72V, 1.5A
Power Consumption	40 W (max.)

Interface Cards for BDCOM 2624

Interface Cards			Slot1	Slot2
NO.	Name	Description	WIC/VIC	EIC
1	WIC-1CE1	1-port E1 & ISDN PRI (BNC/RJ-45)	Yes	/
2	WIC-1CT1	1-port T1 & ISDN PRI (BNC/RJ-45)	Yes	/
3	WIC-1B-S/T	1-port ISDN BRI S/T interface card	Yes	/
4	WIC-1DTU	1-port ISDN BRI-U / DTU / IDSL multifunction interface card	Yes	/
5	WIC-1T	1-port Serial Card	Yes	/
6	WIC-2T	2-port Serial Card	Yes	/
7	WIC-1T-V11	1-port V11 WAN Interface Card	Yes	/
8	WIC-2T-V11	2-port V11 WAN Interface Card	Yes	/
9	WIC-1E1T	1-port 10BaseT and one Serial	Yes	/
10	WIC-1ETH	1-port 10BaseT Ethernet Interface	Yes	/
11	WIC-2ETH	2-port 10BaseT Ethernet Interface	Yes	/
12	EIC-8ASY	8-port Async Serial	Yes	Yes
13	WIC-1AM	1-port Async Modem Interface Card	Yes	Yes
14	WIC-1UE1	1-port Unchnnelized E1 Interface Card	Yes	/
15	WIC-2UE1	2-port Unchnnelized E1 Interface Card	Yes	/
16	EIC-8ASY+1B-S/T	8-port Async Card + 1-port ISDN BRI (2B+D) Interface Card	yes	/

Shanghai Baud Data Communication Co., Ltd.

Tel: 86-21-50800666

Fax: 86-21-50800641

Mail: overseas@bdcom.com.cn