



Dax DX-851F



Introduction:

DX-851F Router provides SMB enterprises and branch offices of large enterprises with a high price performance solution so as to meet their requirements of interoperability and deliver concurrent services of data at optimal throughputs.

DX-851F Router adopts fixed configuration. Additionally, DX-851F can serve as access routers for applications of LAN-to-LAN and multiple services, adapted to small-to-medium-sized enterprises with many advantages such as high performance, security and reliability.

High Port Density:

The Routers along with its rich software features also provides a variety of physical WAN connectivity options. The router accommodates 2 fixed 10/100 Base T fast Ethernet ports, 1 # Console, 1 # fixed E1 interface.

The WAN/LAN ports satisfies the network establishment and makes flexible configuration. DX-851F supports Routing and fully optimizes the user environment.



High Performance:

The powerful CPU and advanced bus technology of DX-851-F ensures the performance of network applications. The Router supports security features such as Firewall, VPN and other security measures which ensure secured data transfer.

Router supports routing speed of up to 40Kpps providing advanced QoS, security, and network integration features that would be required in today's evolving networks.

QoS policies:

DX-851F router provides unmatched Layer 4 QoS to utilize the bandwidth ensuring optimal network performance. It also helps in classification, prioritization, traffic shaping which offers reliable connectivity for enterprise applications including Voice video and data. DX-851F Router supports a variety of QoS features and congestion management queuing strategies such as PQ, CQ, FIFO, WFQ, and CBWFQ; Congestion avoidance strategies such as WRED and RED; CAR traffic policing strategy.

Using priority control, DX-851F router can discard non-conformant traffic in the network. DX-851F router offers Traffic shaping to control traffic limit on each port. When traffic policing monitors various service levels, traffic shaping offers technology to limit ingress and egress traffic on every port. This exceeds the satisfaction of the user by deploying this chassis to achieve efficient and significant WAN requirements. Traffic shaping plays a dominant role especially.

Security:

DX-851F router supports Authentication, Authorization and Accounting (AAA) and also supports RADIUS authentication protocol.

DX-851F routers support IPsec and multiple protocols (such as L2TP and GRE) to guarantee comprehensive network security service as well as network performance.

Management:

DX-851F Router has a management SNMP interface that empowers control and configures the router from a NOC/Central Location. This simplifies the management, troubleshooting and configurations and satisfies the business needs easier. RMON support provided for effective network management.





The DX-851F router also supports various in-band and out-band management technologies. Multiple routers grouped or scattered inside a single or multiple networks can be managed, monitored and controlled from a remote site using any SNMP based network management software.

Product Configurations

Model	10/100Mbps Ethernet Port	Console Port	E1 Interface
DX-851F	2	1	1

Hardware Specifications

Port	1# Console Port 2# 10/100M Fast Ethernet Ports 1# E1 (G.703 interface)
Throughput	40Kpps
Boot ROM	512 K
Flash	8 M
SDRAM	64 M
Dimensions (L ´ W ´ H)	340mm×200mm×44mm
Temperature/Humidity	Operating: 0 ~40°C ; 10%~85% non condensing Non-operating: -20 ~65°C ;5%~95% no condensing
Power Supply	AC: 100~240V, 47~63Hz, 1A/230V DC: -36 ~ -72V, 1.5A
Power Consumption	25 W (max.)



Technical Specifications

Data Link Layer	<ul style="list-style-type: none"> Frame Relay X.25 LAPB PPP PPPoE (Server/Client) Multilink PPP HDLC SLIP ISDN (PRI/BRI) XoT X.25-TCP 802.1Q MPLS
Network Layer	<ul style="list-style-type: none"> ARP Proxy ARP DNS DNS Proxy NAT ICMP IGMP DHCP (Server/Client/Relay) IP Multicast PIM-DM/SM
Routing	<ul style="list-style-type: none"> Static RIP OSPF BEIGRP (Compatible with Cisco EIGRP) BGP-4 DDR, PBR DVMRP
IPv6 support	<ul style="list-style-type: none"> RIPng static routing route redistribution OSPFv3 ICMPv6 IPv6 neighbor discovery IPv6 ping
Security	<ul style="list-style-type: none"> AAA Radius TACACS+ L2TP PPTP GRE IPSec IKE MPLS VPN

Reliability	Port Backup HSRP VRRP
QoS	First Input & First Output(FIFO) Priority Queue(PQ) Custom Queue(CQ) Class-Based Weighted Fair Queue(CBWFQ) Weighted-Fair Queue(WFQ) Random Early detection(RED) Weighted Random Early detection(WRED), DSCP IP Precedence Committed Access Rate(CAR)
Network Management	SNMP V1/2/3 RMON PDP(compatible with Cisco CDP)

Ordering Information:

Dax DX-851F: Router with 2# 10/100 Fast Ethernet ports, One E1 port (G.703 interface), 8MB Flash and 64MB Default SDRAM, AC power supply included.

Dax DX-851F is brought to you by Dax (An Apcom Company) one of India's most renowned, technically qualified Data/Voice Networking Vendor. Dax offers an India-centric, diverse product range which conforms to the highest world-standards and meets the "edge to core" networking needs of all Verticals.

Dax is one of India's most respected OEM '**networking-infrastructure**' vendors. Over the past 22 years, Dax has made country wide inroads through its national ADSPs (Authorized Dax Solution Partners) and Star Partners.

Dax is synonymous with high business ethics, consistent quality, optimized performance and support - commitment to Indian Customers which supersedes MNC standards. Our primary focus is to bring in world-class products to India to provide India-centric solutions that enable Indian organizations save their networking capital expenditure. Our years of commitment to quality and service, ensures our position amongst the **Top-5 Networking Brands** in India.

Other Dax Offerings:

<p>Access</p> <p>Routers</p> <p>Wireless</p> <p>G.SHDSL Router</p> <p>VoIP</p> <p>Console & Device Servers</p>	<p>Connectivity</p> <p>Switches</p> <p>Cabling</p> <p>Interface Converters & Modems</p> <p>Media converters</p> <p>RAS & Serial I/O</p>	 <p>Dax Networks Limited</p> <p>No: 11, 2nd Cross Street, Karpagam gardens, Adyar, Chennai – 600 020.</p> <p>Ph: 044-4292 3558 Fax: 044-4292 3567</p> <p>Toll Free : 1800-4255-Dax</p> <p>E-mail: help@dax.in</p> <p>Website: www.daxnetworks.com</p> <p>An Apcom Company</p>
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