



Chassis Core Routing Switch

A07-ES4704BD

- Ideal for enterprise network
- 4 slot
- 120 Gbps switching capacity and 104 Mpps packet forwarding
- "Hot Swap" for all the modules
- Fan, Power and Module redundancy

Edge-Core A07-ES4704BD chassis routing switch is a high performance switch. It is an ideal switch for core layer of campus network and enterprise network, and aggregation layer of IP metropolitan network. Edge-Core A07-ES4704BD has 4 slots. Each management module has forwarding interfaces, which increases the port density and usage of slots. Edge-Core A07-ES4704BD provides 120 Gbps switching capacity and 104Mpps packet forwarding. It can support maximum 6 10G ports, 96 Gigabit ports and 96 Megabit ports. The high capacity enables the switch to forward Layer 2/Layer 3 traffic in line speed. Edge-Core A07-ES4704BD supports various types of Network Interface (NI) modules, including Megabit, Gigabit and 10G modules. It will also support policy-based routing*, IPv6*, MPLS, load balance*, VPN*, Firewall*. These features meet users' different network requirements. Moreover, Edge-Core A07-ES4704BD is equipped with high Reliability, such as Fan Redundancy, Power Redundancy, Management Module Redundancy and Link Redundancy, Hot-swap for all the Modules, AC and DC Power Supplies and Temperature Sensor.



Edge-Core

Powered by Accton

Edge-Core



Chassis Core Routing Switch

TECHNICAL FEATURES

Features

- IGMP: Snooping v1/v2
- IP Routing:
 - RIP v1/v2
 - RIP
 - BGP*
- IPSec: VPN up to 9K
- IPv4
- IPv6*: Future Upgrade
- Link Aggregation:
 - Load Balancing for both Unicast
 - Max trunk per system: 6
 - Max port per trunk: 8
 - IEEE802.3ad (LACP)
- Multicast:
 - PIM-DM/SM
 - DVMRP
- Spanning Tree
 - IEEE802.1w Rapid Spanning Tree
 - IEEE802.1s Multiple Spanning Tree
 - IEEE802.1D Spanning Tree
- VLAN:
 - GVRP
 - 4K VLAN ID
 - 255 tagged VLAN
 - IEEE802.1Q
- VRRP

Networking

- ARP
- Concurrent Sessions: 70000
- DHCP Client/Server, dynamic IP, static IP
- DMZ
- DNS (Relay/DDNS)
- FTP/TFTP
- ICMP
- IP Routing
- NAT(ALG,port forwarding and port tigger)
- Password for web access
- PPPoE
- TCP/IP

Management

- Console: RJ-45
- Firmware Image: Dual
- RMON 1, 2, 3, 9
- SNMP: v1/v2c/v3
- Support Telnet
- SysLog

Performance

- Backplane Capacity: 125Gbps
- IP Routing Table: 64K
- MAC Entries: 16k
- Packet Forwarding Rate: 107 Mpps
- Switching Capacity: 120Gbps
- VLAN: 4K

Physical Configuration

- 10 Gigabit ports: 6 (Max)
- 10/100Base-T ports: 48(Max)
- AC power supply: 1
- Gigabit ports: 48(Max)
- open module slots: 4

QoS (Quality of service)

- DiffServ
- IEEE802.1p
- MPLS*: Future Upgrade
- Queues per port: 8
- Rate Limiting
- Scheduling,WRR,SWRR: Strict Priority
- ToS

Security

- 802.1x
- ACL
- RADIUS Authentication
- SSH
- User name/Password protection

*Check for availability

PRODUCT: Chassis Core Routing Switch
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