

- Ideal for enterprise network
- 10 slot
- 480 Gbps switching capacity and 278 Mpps packet forwarding
- "Hot Swap" for all the modules
- Fan, Power and Module redundancy

Edge-Core A07-ES4710BD 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-ES4710BD has 10 slots. Each management module has forwarding interfaces, which increases the port density and usage of slots. Edge-Core A07-ES4710BD provides 480Gbps switching capacity and 278Mpps packet forwarding. It can support maximum 16 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-ES4710BD 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-ES4710BD 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.



**E d g e - c o r e**

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

IP Routing Table: 64K  
MAC Entries: 16k  
Packet Forwarding Rate: 238 Mpps  
Switching Capacity: 480 Gbps  
VLAN: 4K

### Physical Configuration

10 Gigabit ports: 16 (Max)  
10/100Base-T ports: 48(Max)  
AC power supply: 1  
Gigabit ports: 48(Max)  
open module slots: 10 (2 dedicated slots for management module)

### 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  
CODE: A07-4710BD  
EAN CODE: 8026974012254

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