NPB-AL-2CE24XE

Product Description

2*100G (QSFP28) + 24*10GE (SFP+), RTM support 24*10GE (SFP+) +2*100G (Q28), 1*Console port, 1*GE port. Suitable for dual-dual-star ATCA chassis and 100G dual-dual-star frame, with small card and high density, compatible with 40G ATCA frame and below, support 3.2T of data converge and transfer. Product is widely used in network security, operator and traffic analysis market.

Product Features

- Support 100GE input, 10GE output, and up to 20*100G input, which every 100GE port could be divided into 4*10GE SFP+

- Support 100G backward interchange and dual-dual-star structure

- Support traffic aggregation, replication, streaming, mirroring, and filtering

- Support IPv4 / v6 dual stacks to support the identification, filtering and forwarding of tunnel protocols such as IPv6 over IPv4 and IPv4 over IPv6.

- Support the identification, filtering, and forwarding of tunneling protocols such as VLAN, MPLS, GRE, and GTP

- Provide protocol-based, IP address, port number quintuple filtering

- Support based on RS232 local operation and maintenance interface, based on Telnet / SSH remote operation and maintenance interface and network management interface

- Support SNMP v3, backward compatible with v1, v2c

Product Specification

General Specification	
Message identification	Link packets, VLAN packets, MPLS packets, PPPOE packets, IP layer packets, IPv4 packets, Ipv6 packets, TCP / UDP packets, ICMP packets, IGMP messages, GTP packets, GRE Packets, IP layer tunnel packets, L2TP / PPTP tunnel packets, and IPSec tunnel packets
Rule match	Five - tuple, TCP Flag, transport layer payload length and signature, compound rule, multiuser rule Rule capacity: accurate five-tuple 64K, mask five 1K
Data processing	Multi-mode load balancing shunt, traffic statistics, traffic mirroring, forwarding and discarding
Basic performance	100G access capability, 64/80 bytes packet throughput, 0 packet loss rate, packet forwarding delay less than 2us, configuration table response speed is less than 10us, the rules issued 50,000 times per second, the average trouble-free work Time> 18000 hours, the average recovery time <0.5 hours
Electrical characteristics	Weight 2.7kg, size 350mm * 292mm * 30.5mm (W * D * H), temperature 0 ~ 50 ℃, humidity 5% ~ 95%, vibration 20Hz ~ 2KHz, power consumption 275w, environmental protection RoHS6

System Interface	
Link access port	24*10GE (SFP+) + 2*100G (QSFP28), RTM support 24*10GE (SFP+) +2*100G (QSFP28)
Maintenance management interface	1 Console, 1 GE interface (interface encapsulated as RJ45)