NPB-F1-4LE48XE

Product Description

4 * 40GE (split into 4x10G), 48 * 10GE (SFP +, backward compatible with GE), 1 Console, 1 port RJ45 package. Mainly with 10GE, 40GE data services access, to achieve data aggregation, shunt, same source same destination, balanced output. Product is widely used in network security, operator and traffic analysis market.

Product Features

- Support 48 channel 10GE, 640G data processing

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

- Support outbound port MAC address translation

- 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 tunnel protocols such as VLAN, MPLS, GRE, and GTP. Support the addition and removal of VLAN tags and MPLS Label tags.

- Support IP fragmentation identification, filtering and forwarding

- Support port speed limits and strong QoS

- Provide protocol-based, IP address, port number quartet filtering, and the number of rule entries is 4K

- Support for signature field filtering (signature length 16 bytes)

- Provide maintenance and management interfaces, including status queries, maintenance management

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

- Support SNMPv3, backward compatible with v1 / v2

- Support WEB interface remote control

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, multi-user rule Rule Capacity: 3K
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: 5.8kg, size 470mm＊320mm＊45mm (W＊D＊H), temperature 0 ˜ 50 ℃, humidity 5% ˜ 95%, vibration 20Hz ˜ 2KHz, power consumption <160w, environmental protection RoHS6

System Interface	
Link access port	48 10GE + 4 40GE
Maintenance management interface	1 Console, 1 GE interface (interface encapsulated as RJ45)

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