



NPB-F1-4CE40XE

Product Description

4 * 100GE (CFP4) 40 * 10GE (SFP +, backward compatible with GE), 1 Console, 1 port RJ45 package.
Mainly used for 100G, 10G link access processing of telecommunications applications, to achieve data aggregation, shunt, and balanced output.

Product Features

- Support 4 100GE and 48 10GE machines with up to 960GE processing power
- 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 VLAN TAG, MPLS Label
- Support IP fragmentation identification, filtering and forwarding
- Provide protocol-based, IP address, port number quartet filtering
- Support for signature field filtering
- 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 SNMP v3, backward compatible with v1 / v2c
- Support https, openssl, openssh and other security protocols
- 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, multiuser rule Rule Capacity: Accurate five tuple 64K, mask five tuple 8K / 16K
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 9.18kg, size 482.1mm * 565.0mm * 44mm (W * D * H), temperature 0 ~ 50 °C, humidity 5% ~ 95%, vibration 20Hz ~ 2KHz, power consumption < 260w, environmental protection RoHS6

System Interface

Link access port	4 100GE (CFP4), 48 10GE (SFP +)
Maintenance management interface	1 Console, 1 GE interface (interface encapsulated as RJ45)