NEOX NETWORKS
NEXT GENERATION NETWORK VISIBILITY

NEOXPacketLion NX-PBPL-1L

Monitor Multiple 100G Lines with 1G/10G/25G Analysis/Security Tools

MAXIMISE NETWORK VISIBILITY WITH OUR COST-EFFECTIVE AND INNOVATIVE PACKET BROKER PLATFORM!

48x 1G/10G/25G and
8x 40G/100G or 16x 50G or 32x 10G/25G

Network Packet Brokers, also called Data (Network) Monitoring Switches, help you to intelligently manage your passively tapped network data and - through innovative technology - provide the analysis tools with the data packets reliably and in optimised form.

Media type and speed of your network do not matter, as these devices are equipped with SFP28 and QSFP28 connectors and process the data packets without affecting the active line and redistribute them according to your wishes. By filtering out the data with hardware-based filtering mechanisms prior to rejection, this allows you to evaluate multiple 10G lines with existing 1G analysis tools, for example, while reducing the amount of data for hassle-free and secure analysis. Data that is not of interest is either discarded or sent to other tools for further analysis.

PACKETLION

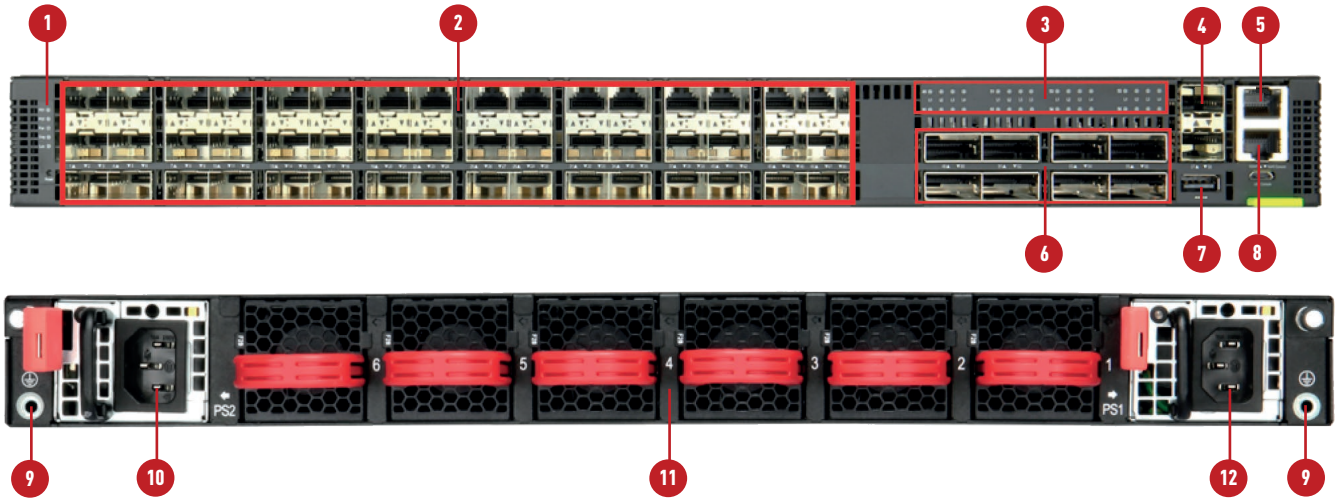
FEATURES
Flexible port assignment (1:1, N:N, N:1, 1:N)
Aggregation of 1G-, 10G-, 25G-, 40G-, 50G- and 100G network ports
Support for filter rules (MAC, VLAN, IPv4/IPv6, TCP/UDP, DSCP, TCP Flags, MPLS, Ingress, Egress)
Filtering within a tunnel (GTP, L2TP, MPLS, GRE, VxLAN, etc.)
Digital Diagnostics Monitoring (DDM)
Support for User-Defined Filter rules (UDF)
Multiple management options (CLI, SSH, SNMP V2/V3, WEB UI, Net CONF and REST API)
Logging through Syslog and SNMP Traps

HIGHLIGHTS
Line rate performance without packet loss
Non-blocking backplane architecture with N+1 redundancy
Stacking of multiple Network Packet Broker systems possible
Support for L2GRE and VxLAN tunnelling protocol
Load distribution based on 5-tuple criteria
Port Splitting (Simplex Mode), Port Labeling
Timestamping (per port / per filter rule)
Support for Jumbo Frames
MAC Replace
Radius and TACACS+
Modular due to SFP28 and QSFP28 interfaces
5+1 redundant, hot-swappable fans
Hot-swappable, load-sharing and redundant AC/DC power supplies
MPLS Stripping
Packet Slicing

// NEOX**PacketLion**

USE CASES

Aggregation of TAP/SPAN traffic in a central location to efficiently provide security and monitoring tools with the data
Decide for yourself which network traffic you want to forward to which analysis system
Intelligent load distribution of all data traffic according to the capacity of your connected monitoring systems
Use the inline options of our PacketLions and simply connect several tools in series to increase your network security (can be combined with intelligent Load Balancing).
Regeneration of data traffic, for example to be able to provide the network data to several security systems in parallel
Layer 2 matrix switch functionality for any interconnection of network data (many to one, one to many, many to many, any to any), easy media conversion through modular design (SFP28/QSFP28)
Intelligent filter rules let you sort out the network data to be analysed without loss and without interruption
Enables you to evaluate 1G/10G/25G/40G/50G/100G network lines using 1G/10G/25G/40G/50G/100G monitoring systems



INTERFACES

1	System LEDs	5	1x RJ45 Management Port*	9	Grounding Point
2	48 x 25G/SFP28 Ports	6	8x 100G/QSFP28 Ports	10	PSU 2
3	Port Indicators	7	USB Storage Port	11	Hot-Swappable 5+1 Redundant Fans
4	2x 10G Management Ports*	8	Console Port	12	PSU 1

** Multiple Management IPs possible*

CHIPSET	DIMENSIONS (WxHxD) / WEIGHT
Broadcom Trident 3 X5 (BCM56873)	43.84 cm x 4.35 cm x 53.60 cm / 10.0 kg
POWER SUPPLY	**REGULATORY / CE**
- AC Input Range: 100~240 VAC, - DC Input Range: -36 ~ -72 VDC, - Redundant, Hot-Swappable	EMI, CE Mark, EN55032 Class A, EN55024, EN61000-3-2, EN61000-3-3, FCC Title 47, Part 15, Subpart B Class A, VCCI Class A, CCC, BSMI, Safety, CB, UL/CUL, CCC, BSMI, RoHS 2.0 Compliant, Environmental: NEBS GR63-CORE (Pre-test), WEEE Directive 2002/96/EC

ARTICLE NO.	1G/10G/25G	40G/100G	10G/25G/50G
NX-PBPL-1L	48x 1G/10G/25G via SFP28 Ports	8x 40G/100G via QSFP28 Ports	16x 50G or 32x 10G/25G *

** Fan Out/Break Out via QSFP28*

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