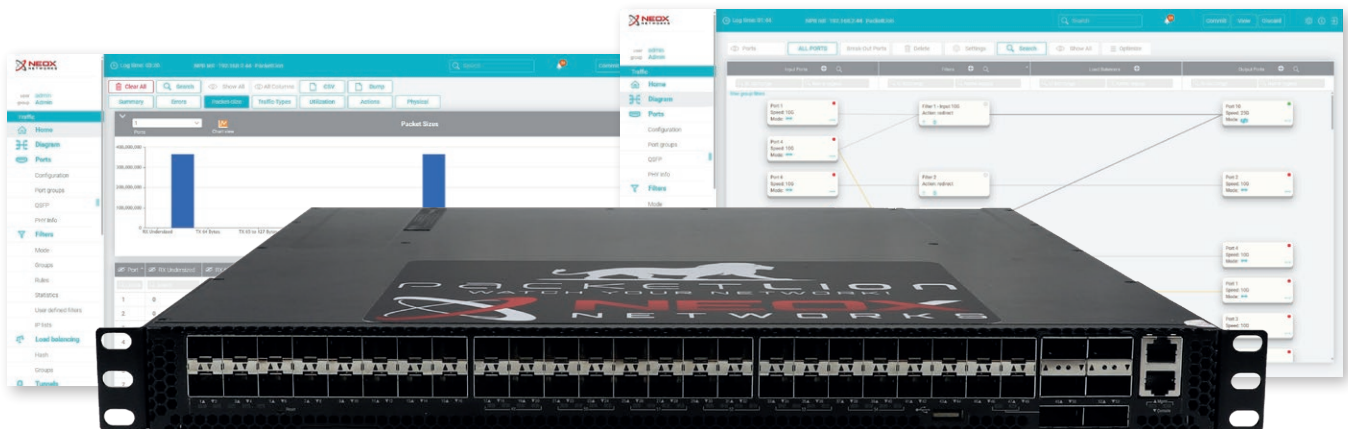


NEOXPacketLion NX-PBPL-1M

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

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



48x 1G/10G and 6x 40G/100G or 12x 50G or 24x 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 SFP+ 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.



FEATURES

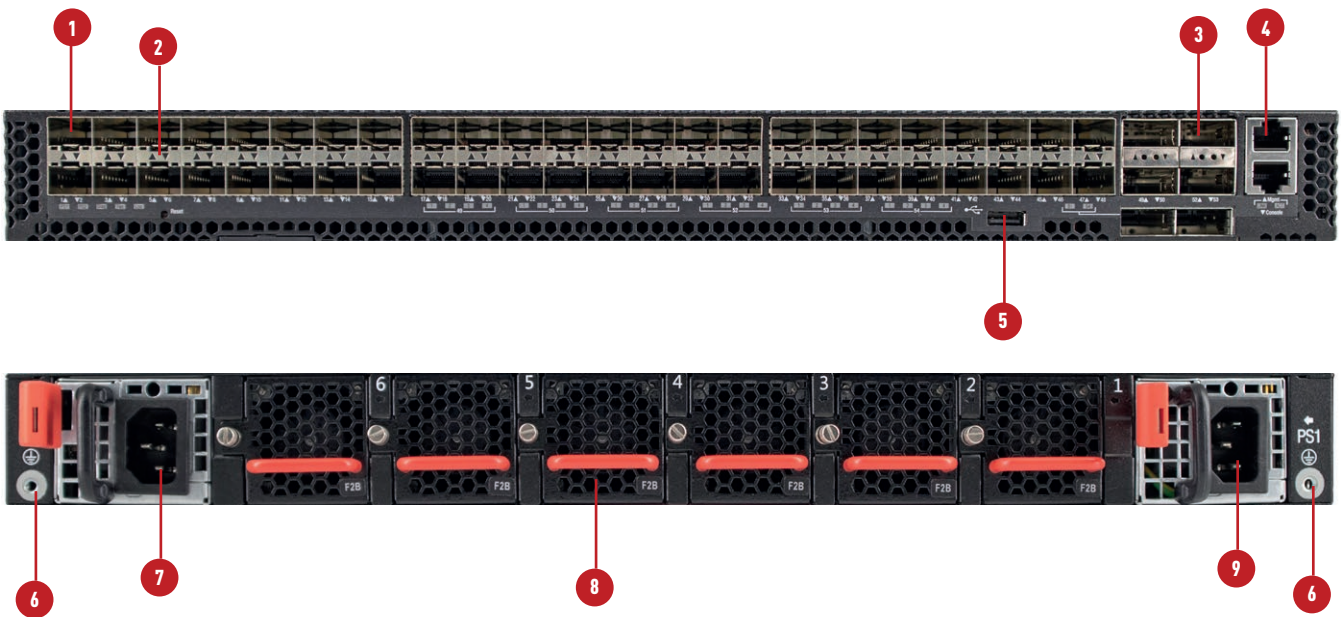
- Flexible port assignment (1:1, N:N, N:1, 1:N)
- Aggregation of 1G, 10G, 25G, 40G, 50G and 100G network ports
- Support for filter rules (MAC, VLAN, IPv4/IPv6, TCP/UDP, DSCP, TCP Flags, MPLS)
- Filtering within a tunnel (GTP, L2TP, MPLS, GRE, etc.)
- Digital Diagnostics Monitoring (DDM)
- Support for 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
- Clustering of multiple Network Packet Broker systems
- Support for L3GRE tunnelling protocol
- Load distribution based on 5-tuple criteria
- Port Splitting (Simplex Mode), Port Labeling
- Support for Jumbo Frames
- MAC Replace
- Radius and TACACS+
- Modular due to SFP+ and QSFP28 interfaces
- 5+1 redundant, hot-swappable fans
- Hot-swappable, load-sharing and redundant AC/DC power supplies
- MPLS Stripping
- Packet Slicing

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
- 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 (SFP+/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	48 x 1G/10G SFP+ Ports	6	Grounding Point
2	Port Indicators	7	Power Supply Unit (PSU) 2
3	6x 40G/100G QSFP28 Ports	8	Hot-Swappable, 5+1 Redundant Fans
4	2x RJ-45 Management Port (1x Ethernet & 1x Serial)	9	Power Supply Unit (PSU) 1
5	USB Storage Port		

DIMENSIONS (WxHxD) / WEIGHT

44,00 cm x 4,40 cm x 54,80 cm / 9,34 kg

POWER SUPPLY

AC Input Range: 90~240 VAC, DC Input Range: -36 ~ -72 VDC. Hot-Swap.

CHIPSET

Broadcom Qumran MX BCM88370

REGULATORY / CE

EMI, CE Mark, FCC Part 15 Subpart B Class A, VCCI Class A, RoHS 2.0

ARTICLE NO.

1G/10G

10G/25G/50G

40G/100G

NX-PBPL-1M

48x 1G/10G via SFP+ Ports

12x 50G* or 24x 10G/25G*

6x 40G/100G via QSFP28 Ports

* Fan Out/Break Out via QSFP28 Ports