

NEOXPacketGrizzly

MODULAR AND SCALABLE NETWORK FORENSICS SOLUTION FOR
ULTRA-FAST CAPTURING, INDEXING, SEARCHING AND ANALYSIS
OF NETWORK DATA IN REAL TIME!



Write to Disk Full Packet Capture Performance up to 100Gbps

There is more data than ever before in enterprise networks, but precision in network analysis usually leaves something to be desired. Organizations rely on their networks more than ever, but have less confidence in network monitoring and troubleshooting. How can network monitoring and troubleshooting be made more practical without losing sight of the essentials?

PacketGrizzly, an industry-leading, modular packet capture and analysis solution, enables real-time and post-event analysis in networks at speeds up to 100Gbps.

PacketGrizzly also supports the export of LiveFlow (IPFIX, NetFlow) data to NPM tools such as LiveNX. LiveNX is a central management platform for monitoring network and application performance with end-to-end visualisation for a global overview of the entire network infrastructure.

All PacketGrizzly tools are designed to integrate seamlessly with the centralised monitoring platform LiveNX, so that the transition from monitoring view to packet-level analysis and back is done within a single user interface.

PacketGrizzly offers a powerful network capture solution that captures up to several petabytes of traffic without packet loss, as well as award-winning Omni-peek software for real-time analysis of live network traffic and forensic network analysis of captured traffic.

PacketGrizzly consists of a capture appliance for packet capture and, depending on the storage space required, of an internal storage in the capture appliance or up to four storage units on which the captured packet data is recorded.

HIGHLIGHTS

Up to 3 high-speed FPGA Capture Cards for 1G/10G/25G/40G/100G per Capture Appliance

Support for IEEE 1588v2 PTP

FPGA-based nanosecond accurate Timestamping

6 GB / 12 GB hardware buffer for absorbing and analyzing microbursts

10G Ethernet management interface

Hardware RAID 0, 1, 3, 5, 6, 10, 50 or ADAPT

Supports SSL decryption

FPGA-based Deduplication

Storage space up to 8,064 TB

Support for hardware-encrypted capture storage, protects your data from unauthorized access. FIPS 140-2 certification and complies with ISO/IEC 27040 and NIST 800-88 standards

FPGA-based Packet Slicing and Capture Filter

Supports export of LiveFlow (IPFIX, NetFlow) data to NPM tools

PCAP or PCAPNG support

Simultaneous unlimited access via Web GUI

Packet-based analysis of communication relationships, visualized in intuitive graphical displays

Integrated, reliable expert events, reference to conspicuous features of the OSI Layer 2-7

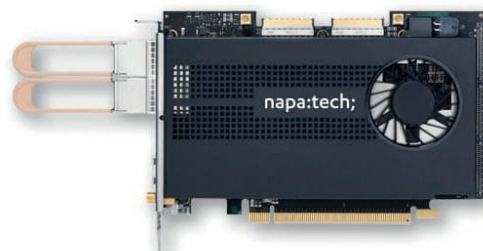
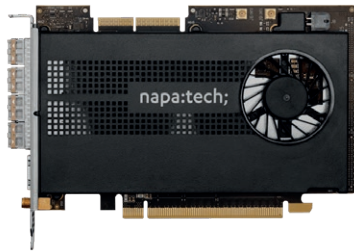
Acceleration of the Mean-Time-To-Resolution (MTTR) through visualization and interaction with meta data, communication flows and the packets themselves

Development and quality assurance in Germany

CAPTURE APPLIANCE - AVAILABLE FPGA-BASED CAPTURE CARDS

4-Port 1G/10G/25G FPGA Capture Card (SFP/SFP+/SFP28)

2-Port 25G/40G/100G FPGA Capture Card (QSFP+/QSFP28)



Dimensions, Weight and Form Factor

APPLIANCE	DIMENSIONS (HxWxD)	WEIGHT	FORM FACTOR
Capture Appliance (also SA version)	8.73 cm x 44.55 cm x 73.02 cm	max. 25 kg	19" Rackmount, 2U
Storage Appliance 5U	22.23 cm x 44.45 cm x 98.10 cm	min. 82 kg (without drives) / max. 135 kg (fully equipped)	19" Rackmount, 5U



PacketGrizzly Capture Appliance OPTIONS

ARTICLE NO.	CPU	RAM	PORTS
NX-LC-25G-SRV	Intel Xeon	128 GB	4x 1G/10G/25G SFP28
NX-LC-25G40G-SRV	Intel Xeon	128 GB	4x 1G/10G/25G SFP28, 2x 40G QSFP+ / 8x 10G (fan-out)
NX-LC-40G-SRV	Intel Xeon	128 GB	2x 40G QSFP+ / 8x 10G (fan-out)
NX-LC-25G100G-SRV	Intel Xeon	256 GB	2x 100G QSFP28 / 2x 40G QSFP+ / 2x 25G (adapter) / 8x 10G (fan-out) / 4x 1G/10G/25G SFP28
NX-LC-100G-SRV	Intel Xeon	256 GB	2x 100G QSFP28 / 2x 40G QSFP+ / 8x 25G (fan-out) / 8x 10G (fan-out)



PacketGrizzly Storage Appliances OPTIONS

ARTICLE NO.	GROSS STORAGE SPACE*	SCALING	CONNECTIVITY
NX-LC-504-STG (5U)	504 TB	The Storage Appliances can be expanded in a ring network to a total of 4 appliances with a total gross capacity of up to 8,064 TB.	All Storage Appliances can be accessed via eSAS, iSCSI or Fibre Channel
NX-LC-1008-STG (5U)	1,008 TB		
NX-LC-2016-STG (5U)	2,016 TB		

* The net storage size actually available depends on the operating system, RAID level, formatting, file system, etc.

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PacketGrizzly Capture Appliance - Stand-alone Version

PacketGrizzly Capture Appliance (Stand-alone Version) OPTIONS

ARTICLE NO.	CPU	RAM	SSD	PORTS
NX-LC-25G-38TB-SA	Intel Xeon	128 GB	38 TB	4x 1G/10G/25G SFP28
NX-LC-25G-76TB-SA	Intel Xeon	128 GB	76 TB	4x 1G/10G/25G SFP28
NX-LC-25G-153TB-SA	Intel Xeon	128 GB	153 TB	4x 1G/10G/25G SFP28
NX-LC-25G-307TB-SA	Intel Xeon	128 GB	307 TB	4x 1G/10G/25G SFP28
NX-LC-40G-307TB-SA	Intel Xeon	256 GB	38 TB	2x 40G QSFP+ / 8x 10G (fan-out)
NX-LC-40G-76TB-SA	Intel Xeon	256 GB	76 TB	2x 40G QSFP+ / 8x 10G (fan-out)
NX-LC-40G-153TB-SA	Intel Xeon	256 GB	153 TB	2x 40G QSFP+ / 8x 10G (fan-out)
NX-LC-40G-307TB-SA	Intel Xeon	256 GB	307 TB	2x 40G QSFP+ / 8x 10G (fan-out)
NX-LC-100G-38TB-SA	Intel Xeon	512 GB	38 TB	2x 100G QSFP28 / 2x 40G QSFP+ / 2x 25G (adapter) / 8x 10G (fan-out)
NX-LC-100G-76TB-SA	Intel Xeon	512 GB	76 TB	2x 100G QSFP28 / 2x 40G QSFP+ / 2x 25G (adapter) / 8x 10G (fan-out)
NX-LC-100G-153TB-SA	Intel Xeon	512 GB	153 TB	2x 100G QSFP28 / 2x 40G QSFP+ / 2x 25G (adapter) / 8x 10G (fan-out)
NX-LC-100G-307TB-SA	Intel Xeon	512 GB	307 TB	2x 100G QSFP28 / 2x 40G QSFP+ / 2x 25G (adapter) / 8x 10G (fan-out)
NX-LC-25G100G-38TB-SA	Intel Xeon	512 GB	38 TB	2x 100G QSFP28 / 2x 40G QSFP+ / 8x 10G (fan-out) / 4x 1G/10G/25G SFP28
NX-LC-25G100G-76TB-SA	Intel Xeon	512 GB	76 TB	2x 100G QSFP28 / 2x 40G QSFP+ / 8x 10G (fan-out) / 4x 1G/10G/25G SFP28
NX-LC-25G100G-153TB-SA	Intel Xeon	512 GB	153 TB	2x 100G QSFP28 / 2x 40G QSFP+ / 8x 10G (fan-out) / 4x 1G/10G/25G SFP28
NX-LC-25G100G-307TB-SA	Intel Xeon	512 GB	307 TB	2x 100G QSFP28 / 2x 40G QSFP+ / 8x 10G (fan-out) / 4x 1G/10G/25G SFP28



PacketGrizzly Capture Appliance (Stand-alone Version) UPGRADES

ARTICLE NO.	DESCRIPTION
NX-LC-UPG-100G-SA	Upgrade of the PacketGrizzly system to support 2x 100G. Applicable for systems with already installed 40G capture cards like NX-LC-40G-xxxx-SA.
NX-LC-UPG-40G-SA	Upgrade of the PacketGrizzly system to support 2x 40G. Applicable for systems with already installed 25G capture cards like NX-LC-25G-xxxx-SA.
NX-LC-UPG-256GB-SA	Upgrade of the PacketGrizzly system from 128 GB to 256 GB RAM



PACKETRAVEN

Modular, Portable and Virtual **NETWORK TAPS** for up to 400G



PACKETFALCON

Portable **NETWORK FORENSICS** Appliances



PACKETGRIZZLY

Modular & Scalable **NETWORK FORENSICS** Solution



PACKETLION

High-End **NETWORK PACKET BROKER** for up to 400G



PACKETTIGER

Cost Efficient Next-Gen **NETWORK PACKET BROKER**
as Appliance or Virtual



PACKETWOLF

Advanced **PACKET PROCESSING** for up to 400Gbps

