

NEOXPacketGrizzly Lite

200G WTD HIGH PERFORMANCE NETWORK PACKET CAPTURE AND TRAFFIC RECORDER



PacketGrizzly, an industry-leading solution for line-rate packet capture and enables real-time write-to-disc full packet capturing in networks with speeds of up to 200Gbps. PacketGrizzly is able to record up to 737 Terabytes of traffic without any packet loss.

What PacketGrizzly Lite can do for you:

1. Capture and Store Raw Network Traffic

- Record all or filtered traffic for later use.
- Useful for historical investigation, regulatory compliance, or offline analysis.

2. Export Packet Data to External Tools

- Use tools like:
 - Wireshark, tcpdump – for packet-level inspection.
 - Zeek (Bro) – for behavioral network analysis.
 - Security Information and Event Management (SIEM) platforms – for correlation and alerting.
- Supports formats like PCAP and PCAPng, which are widely compatible.

3. Regulatory Compliance & Retention

- Store packet data to comply with data retention laws or industry regulations.
- Demonstrate due diligence or audit readiness even without deep analysis.

4. Session or Flow Reconstruction (via external tools)

- Rebuild email messages, file transfers, or VoIP calls by feeding PCAP files into appropriate analyzers.

5. Incident Response Support

- Even without built-in NFA, captured packets can be handed off to security teams or forensic analysts during an incident.
- Helps determine scope and impact of breaches.

HIGHLIGHTS

-  Up to 200Gbps WTD Full Packet Capturing
-  High-Speed Smart FPGA Capture Card
-  Storage Capacity up to 737 TB
-  NVME Flash Storage
-  PPS Time Synchronization
-  FPGA-based Nanosecond Timestamping
-  FPGA-based Packet Slicing & Capture Filter
-  FPGA-based Deduplication
-  PCAP & PCAPNG Support
-  Development, Assembly & QA in Germany



HIGHLIGHTS & KEY FEATURES

Continuous lossless 200G WTD (Write to disc) Full Packet Capturing (FPC)

High-Speed Smart FPGA Capture Cards for 40G/100G per Capture Appliance

Supports 2x 100G, 2x 40G, or 8x 10G/25G via Breakout

FPGA-based Filtering

FPGA-based Deduplication

FPGA-based Dynamic Packet Slicing and Capture Filters

FPGA-based nanosecond-accurate Timestamping

Supports PPS Timesync

PCAP or PCAPNG support

Intuitive WebUI for advanced PCAP View & Extraction

Storage capacity from 92 TB to 737 TB

Up to 24x 2.5" Enterprise SSDs

12GB Hardware Buffer to absorb and analyse microbursts

Operating system on RAID 1 NVMe M2 SSD, BOSS

RJ45 or SFP28 1G/10G/25G management interface

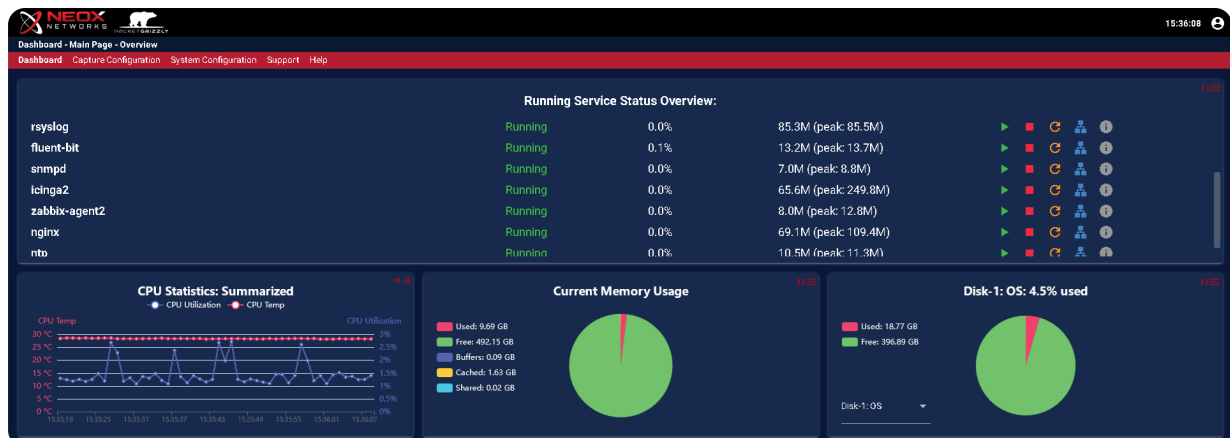
Rackmountable, 2RU

Redundant power supplies

Includes 1 year hardware, software and maintenance support

Development, assembly & QA in Germany

Software - Packet Capture

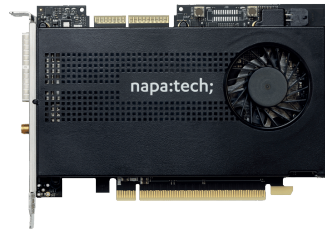


PacketGrizzly Lite Software Screenshot

- Lossless capture and recording of 25G, 40G and 100G network traffic while ensuring full data integrity.
- Powerful data preparation tools that allow IT technicians to focus on specific time spans and types of traffic.
- Network data is hardware time-stamped with nanosecond accuracy as it arrives. GPS and PPS.

Hardware - Capture Card

- 2-Port 100G High Performance FPGA Capture Card (QSFP+/QSFP28)



Technical Specifications

- Capture card: Smart high-speed FPGA capture card for 10G/25G/40G/100G
- Ports: (SFP28) / QSFP+ / QSFP28
- SSD storage capacity: 92 TB – 737 TB
- RAM: 768 GB - 1536 GB
- Power supply: 2x 1400W, redundant, hot-swappable
- Housing: 19" rackmount, 2RU
- Dimensions (WxHxD): 48.2 cm x 8.7 cm x 82.3 cm / 19.0" x 3.4" x 32.4"
- Weight: ca. 30 kg
- Operating temperature: 5°C to 45°C / 41°F to 113°F
- Storage temperature: -40°C to 65°C / -40°F to 149°F
- Relative humidity - Operating: 8% to 90% (non-condensing)
- Relative humidity - Storage: > 5% to 95% (non-condensing)
- Certifications:
 - Safety: EN IEC 62368-1:2020 +A11:2020, EN IEC 62311:2020, EN 62479:2010
 - EMC: EN 55032:2015 +A11:2020, EN 55035:2017 +A11:2020, EN 61000-3-2:2014, EN 61000-3-3:2013
 - RoHS: EN IEC 63000:2018

Model Options



SKU	RAM**	SSD**	PORTS
NX-PCPG-200G-92TB-L*	768 GB	92 TB	2x 40G/100G QSFP+/QSFP28
NX-PCPG-200G-184TB-L*	768 GB	184 TB	2x 40G/100G QSFP+/QSFP28
NX-PCPG-200G-368TB-L*	1,152 GB	368 TB	2x 40G/100G QSFP+/QSFP28
NX-PCPG-200G-737TB-L*	1,536 GB	737 TB	2x 40G/100G QSFP+/QSFP28

* With „-3Y“ for 3 year – or „-5Y“ for 5 year software subscription and hardware support

** Further configurations on request