

# NEO eE etherExtractor



Packet capture tools enable monitoring of communication data (packets) over IP networks. Capturing every packet sent over a network facilitates smooth troubleshooting and preserves evidence for when things go wrong.

## Stability that lasts

The latest model of etherExtractor, eE-NEO, is built on the knowledge gained from previous models' extreme long-term operation in real-world commercial network installations. Telecom carriers, data centers, and financial institutions demand stable, constant capture performance over extended periods of time, and the eE-NEO delivers.

## Compact 1U size

All the eE-NEO's functionality and capture capabilities for interface speeds from 1 GbE to 100 GbE are condensed into a compact 1U device.

## All-flash storage

NVMe-compatible SSDs are used for all capture storage and the OS, enabling dramatic improvements in reliability, speed, latency, and failure prediction compared to previous models.

## Supports multiple users

Security enhancements allow user authentication and simultaneous operation by multiple users. Each user can operate each capture port from their own dedicated workspace.

## 5G fronthaul support

eE-Neo is capable of full capture in the highly time-sensitive 5G fronthaul environment (O-RAN), and supports time synchronization using PTPv2 (IEEE1588).

## Detect "microbursts"

Microbursts are caused by highly concentrated traffic over a very short period. Accurately grasp the time, content, and frequency of traffic concentration (microbursts) with eE-Neo to optimize the investment of server resources.

Capture screen



Based on the popular eE GUI, the capture operation screen has been reconfigured in an easy-to-use wide screen format. Start capturing with just 3 clicks

1. Select a connection port
2. Select a port to capture
3. Start capturing

Monitoring screen



Monitor the status of each component from a single screen. Example uses :

- Check the device for temperature abnormalities
- Confirm link speed and link status of capture ports
- View internal storage usage rate and operating status



## Energy Efficient Design

### Specifications

Model	NEO Lite	NEO Lite 20G	NEO Basic	NEO Pro
Product image				
Configuration	1U			
Number of ports	1 GbE/10 GbE SFP/SFP+ x 4 ports		10 GbE x 4 ports or 25 GbE x 2 ports or 40 GbE x 2 ports (option) or 100 GbE x 2 ports (option)	10 GbE x 4 ports or 25 GbE x 2 ports or 40 GbE x 2 ports or 100 GbE x 2 ports
Capture interface	10GBase-SR/LR 1000Base-T/SX/LX		10GBase-SR/LR 25GBase-SR/LR 40GBase-SR4/LR4 100GBase-SR4/LR4	
Capture performance	4 Gbps	20 Gbps	50 Gbps	100 Gbps
Capture packet	64byte - 9600byte			
Capture resolution	7ns		1ns	
Effective storage capacity	5.0 TB	60 TB		70 TB
RAID configuration	RAID 5			RAID 10
OS	Linux			
Power consumption	200 W	350 W	550 W	700 W
Dimensions W×H×D	437 x 43 x 597 (mm) 17.2 x 1.7 x 23.5 (in.)			
Weight	15 kg 33.1 lbs			

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