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PRODUCT BROCHURE

nBox™ NetFlow

Turn-Key High-Performance Probe and Collector for NetFlow/IPFIX/sFlow — up to 100 Gbit.

A rack-ready appliance running nProbe or nProbe Cento on board. Mirror it off your switch, power it up, open the web UI — flow data starts flowing.

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nBox™ NetFlow

Turn-Key High-Performance Probe and Collector for NetFlow/IPFIX/sFlow — up to 100 Gbit.

nBox NetFlow is a turn-key network probe and collector in a single 19″ appliance. It ships with nProbe (up to 10 Gbit) or nProbe Cento (up to 100 Gbit) preinstalled and preconfigured on board, plus an optional embedded ntopng for visualization. Connect a mirror or TAP, open the browser, start collecting.

100 Gbit	450+	1U	3 years
FULL-LINE-RATE CAPTURE	LAYER-7 PROTOCOLS (NDPI)	19-INCH RACK APPLIANCE	DELL ON-SITE WARRANTY

Why an appliance, not a PC?

Fewer moving parts: no OS licensing to track, no multi-host administration, no rack-space fight for a spare server. One box, one warranty, one IP address — and it keeps computing flows while your team is on site.

AT A GLANCE

Key Features

- **Full-speed operation from 1 up to 100 Gbit, depending on model**
- nDPI Layer-7 protocol detection — 450+ applications
- Mirror/TAP inputs: copper and optical
- Internet updates for firmware and software
- Optional ntopng on board for built-in visualization
- **Embedded collector: probe and analysis in the same appliance**
- Out-of-the-box web setup; ready in minutes
- Multiple collector mode: load balancing, redundancy, flow proxy
- Export: Syslog, MySQL/ClickHouse, Kafka, ElasticSearch/Splunk
- 19″ 1U rack-mountable chassis

WHERE IT FITS

Use Cases

Inspection and Visibility

Put one box on the uplink mirror and see applications, hosts, and flows across the whole network — no agent, no sampling.

Flow Risk and Alerting

Behavioral checks and alerts turn raw flow data into early warnings: new talkers, protocol anomalies, bandwidth creep.

Enhanced Telemetry and Analytics (ETA)

Enriched flow records feed your SIEM, data lake, or BI stack over Kafka, ElasticSearch, or SQL — with L7 application identity attached.

Alert to Packet Drill-Down

Pair with nBox Recorder: alert from the flow, pull the actual packets from the recorder, root-cause without re-capturing.

TECH SPECS

Models & Specifications

PLATFORM	Linux · Web GUI with TLS/HTTPS
ON BOARD	nboxui · nProbe or nProbe Cento · optional ntopng
CHASSIS	19″ 1U rack-mountable · Dell warranty up to 3 years on-site

MODEL LINE

MODEL	PORTS	THROUGHPUT	PREINSTALLED
L	1× Gbit copper	2.5 Gbit/s	nProbe Pro · optional ntopng Pro
M	2× 10 Gbit copper/SFP	2× 10 Gbit / 8 Mpps	nProbe Pro · optional ntopng Enterprise L
H10/25/40	2× 10/25/40 Gbit copper/(Q)SFP	2× 40 Gbit/s / 60 Mpps	nProbe Pro · optional nProbe Cento M · optional ntopng Enterprise L
H100	1× 100 Gbit QSFP	100 Gbit/s / 100+ Mpps	nProbe Cento · optional ntopng Enterprise L

Throughput figures are sustained capture rates for the full appliance. Software on the H10/25/40 is configurable per port speed.

DEPLOYMENT & SUPPORT

Ordered Today, Mirrored Tomorrow

Every nBox NetFlow ships with the software for your link speed already loaded. On-site, you connect the mirror, run the web wizard, and choose where the flows go: built-in ntopng, Kafka, ElasticSearch, or a remote collector. No install scripts, no license juggling, no OS patching cycle of your own.

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DOCUMENTATION & REFERENCES

nBox product page	ntop.org/products/nbox/
nProbe User's Guide	ntop.org/guides/nprobe/
Companion: ntopng	ntop.org/guides/ntopng/
Downloads & packages	packages.ntop.org

ABOUT NTOP

ntop is a high-performance network traffic monitoring and analysis company. Founded in 1998 and still led by its founder, ntop has spent 25+ years building open-source-rooted, home-grown technology for network visibility, flow analysis, and cybersecurity — trusted from home networks to telcos and governments. Offices in Italy and Switzerland.

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