



# NEOXPacketFalcon Mini

PORTABLE AND COMPACT 1G/10G/25G NETWORK FORENSICS APPLIANCE  
FOR ULTRA-FAST CAPTURING, INDEXING, SEARCHING AND ANALYSING NETWORK DATA



**PACKETFALCON**  
WATCH YOUR NETWORK!

**SecurITy**

Trust Seal  
www.teletrust.de/itsmig  
made in Germany



The speed of networks and their complexity continue to increase. And attacks on network infrastructure will also evolve in terms of complexity and stealth.

Thus, for optimal and secure IT service delivery, IT security teams must have permanent access to detailed traffic analysis. Network forensics provides this essential access and insight that security analysts need.

Our PacketFalcon products are powerful recorders for all types of network speeds, enabling IT organisations to analyse, monitor and accurately record traffic without compromise.

The PacketFalcon Mini provides permanent 24 x 7 access to 1G and 10G networks for detailed analysis, including forensic analysis of past events.

PacketFalcon assists security teams with analysis by recording data at key network points while minimising the traffic this data collection can generate.

By indexing the data and providing simple and complex filters (Berkeley Packet Filter), PacketFalcon enables security teams to quickly investigate and thus stop attacks.

Linux is used as the operating system and LiveAction's award-winning network forensics software LiveWire is used for analysis and evaluation. This makes it possible to analyse network traffic remotely from any location and quickly find errors, which drastically reduces MTTR time.

With its robust and compact design, optional 8TB, 16TB or 32TB disk storage and a 1G or 1G/10G/25G high-performance Gigabit capture adapter, it is the ideal companion for the mobile network analysis and forensics specialist.

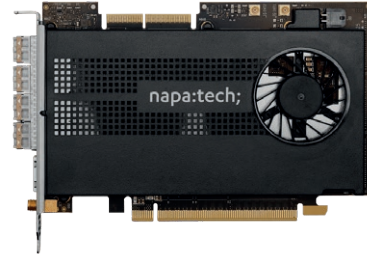
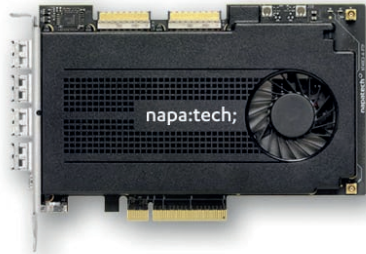
## HIGHLIGHTS

High-Speed Smart FPGA Capture Card for 1G or 1G/10G/25G
4x SFP/SFP+/SFP28 Ports
Up to 10 Gbps lossless Full Packet Capturing
IPFIX/NetFlow Export (with Advanced Performance Monitoring)
FPGA-based Deduplication
Supports IEEE 1588v2 PTP
FPGA-based nanosecond-accurate Timestamping
4GB/8GB Hardware Buffer to absorb and analyse microbursts
Storage capacity from 8TB to 32TB
Patented drill-down function
FPGA-based Packet Slicing and Capture Filters
PCAP and PCAPNG support
Cascading of multiple PacketFalcon systems possible
Simultaneous unlimited access via Web GUI
Small, compact and portable
Robust housing
Front display
Passively cooled CPU, very quiet
External 330W power supply
WLAN capturing optionally supported
Development & QA in Germany

**AVAILABLE CAPTURE CARDS**

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

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



**DIMENSIONS**

Width x Height x Depth: 10 cm x 30 cm x 25.5 cm

**WEIGHT**

ca. 6.1 kg

**POWER SUPPLY**

330W

**PacketFalcon Mini OPTIONS**

ITEM NO.	CPU	RAM	SSD	PORTS
NX-LW-1G-32GB-8TB-M-*	Intel Xeon	32 GB	8 TB	4x 1G SFP/SFP+
NX-LW-1G-64GB-16TB-M-*	Intel Xeon	64 GB	16 TB	4x 1G SFP/SFP+
NX-LW-1G-128GB-16TB-M-*	Intel Xeon	128 GB	16 TB	4x 1G SFP/SFP+
NX-LW-1G-64GB-32TB-M-*	Intel Xeon	64 GB	32 TB	4x 1G SFP/SFP+
NX-LW-1G-128GB-32TB-M-*	Intel Xeon	128 GB	32 TB	4x 1G SFP/SFP+
NX-LW-25G-32GB-8TB-M-*	Intel Xeon	32 GB	8 TB	4x 1G/10G/25G SFP/SFP+/SFP28
NX-LW-25G-64GB-16TB-M-*	Intel Xeon	64 GB	16 TB	4x 1G/10G/25G SFP/SFP+/SFP28
NX-LW-25G-128GB-16TB-M-*	Intel Xeon	128 GB	16 TB	4x 1G/10G/25G SFP/SFP+/SFP28
NX-LW-25G-64GB-32TB-M-*	Intel Xeon	64 GB	32 TB	4x 1G/10G/25G SFP/SFP+/SFP28
NX-LW-25G-128GB-32TB-M-*	Intel Xeon	128 GB	32 TB	4x 1G/10G/25G SFP/SFP+/SFP28

\* „3Y“ for 3 years - or „5Y“ for 5 years software subscription and hardware support



**PacketFalcon Mini ACCESSORIES**

ITEM NO.	ITEM
NX-LW-RAIL-M	DIN rail adapter for mounting bracket

