

Network recorder

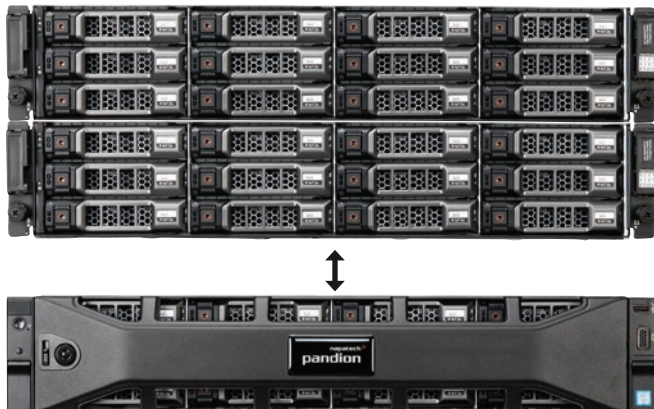
NAPATECH PANDION

ON-DEMAND CAPTURE ON ANY DATA NETWORK

Pandion Flex is your cost-efficient platform of choice for ultrafast, highly reliable real-time capture, indexing and search of data across Napatech's network recorder. Pandion is available in multiple rate interface options and configurable storage to over 1PB. 1, 10, 40 and 100 Gbps line-rates are supported. Pandion includes over a decade of industry-proven Napatech accelerator technology providing 100% packet capture with nanosecond precision timestamping. Pandion can be integrated with SIEM solutions.

ACCELERATE YOUR TIME-TO-MARKET

Quickly access critical data by removing all unnecessary elements for faster and more efficient data capture. Record every single packet with 100% accuracy and no data loss. Leverage valuable resources while minimizing risk utilizing Napatech's REST API and optimized GUI. Utilizing Napatech's features and functionality combined with a faster time-to-market, dramatically reduce total cost of ownership for any industry looking to get answers quickly and efficiently.



FEATURE HIGHLIGHTS

- Full line-rate packet recording
- Sustained 40 Gbps capture-to-disk
- Hardware time stamp to nano second precision
- Ultra-fast data retrieval
- Accelerated search
- Berkeley Packet Filters (BPF)
- REST API
- Web-based GUI
- Integration with SIEM software
- 1, 10, 40 and 100 Gbps line-rates supported
- 128GB burst buffer

NAPATECH PANDION APPLICATIONS

Napatech Pandion recorders deliver 100% accurate data with extremely high data retrieval rates working in conjunction with many applications such as:

- Financial latency measurement
- Financial fraud detection and compliance management
- Infrastructure management and security
- Cyber defense
- Security data collection
- Network and content security

BENEFITS

- Ultra-high performance
- 100% reliable full capture-to-disk solution
- Napatech industry-leading high performance network accelerators
- Multiple rate options for easy deployment
- Advanced indexing and search capabilities
- Configurable Data storage options to over 1PB
- Ultrafast search while simultaneously recording

DATA PRE-PROCESSING

- Packet slicing
- Advanced pre-filtering
- Data compression

SEARCH AND INDEXING

- Accelerated search based on 5 tuple and Layer 2-4 protocol information
- Search queries return PCAP or PCAP-NG formatted streams/files for easy import
- Search based on BPF expressions
- Federated search supported across multiple Pandion appliances in a group
- REST API for remote query, control and integration with 3rd party application

MANAGEMENT AND GUI

- Management through WEB-based GUI
- SSL Secured management



COMPANY PROFILE

Napatech helps companies to reimagine their business by bringing hyperscale computing benefits to IT organizations of every size. We enhance open and standard virtualized servers to boost innovation and release valuable computing resources that improve services and increase revenue. Our reconfigurable computing platform™ is based on a broad set of FPGA software for leading IT compute, network and security applications that are supported on a wide array of FPGA hardware designs.

Napatech. RECONFIGURABLE COMPUTING

LEARN MORE

For more details or a demonstration, please go to napatech.com

	NAPATECH PANDION FLEX	NAPATECH PANDION 20
Form Factor	2U + 2U per storage unit	2U
Storage capacity	120TB – 1PB	28TB
Capture-to-Disk Performance	10-40 Gbps	20 Gbps
Capture Connectivity options	<ul style="list-style-type: none"> • 4 x Dual-rate 1/10 Gbps SFP/SFP+ • 2 x 40 Gbps QSFP+ • 2 x 100 Gbps QSFP28 	<ul style="list-style-type: none"> • 4 x Dual-rate 1/10 Gbps SFP/SFP+ • 2 x 40 Gbps QSFP+ • 2 x 100 Gbps QSFP28
Management Interface	2 x 1G BT + 2 x 1/10G SFP+	2 x 1G BT + 2 x 1/10G BT
GUI	Yes, WEB based	Yes, WEB based
Redundant PSU	Yes	Yes
3 Years Support, Warranty and Updates	Yes	Yes
Power Consumption, approximate values	Efficiency Class: Platinum Recorder: Rating 2x750W; Idle 477W; Capturing 603W Storage unit: Rating 2x600W; Idle 226W; Capturing 245W Voltage Rating: 100-240V~50/60Hz	Rating 2x750W; Idle 312W; Capturing 374W Voltage Rating: 100-240V~50/60Hz

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