HYPERION200

Fast. Versatile. 200Gbps & Ready

Also available as the **HYPERION**100 Model



Removable Storage

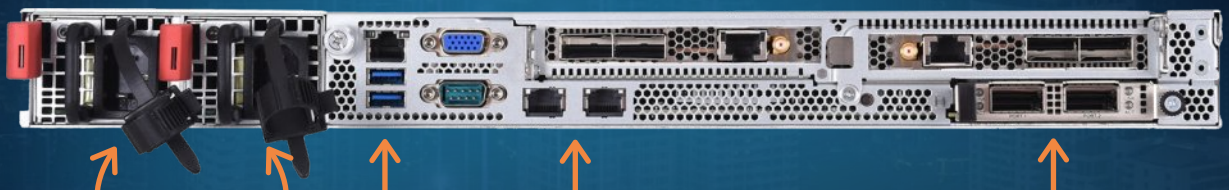
Up to 720TB, NVMe TCG® Opal SSC Encryption-Ready Drives (SEDs)

Weight

16kg (35lbs)

Size (Footprint)

Width	43.9cm (17.3in)
Height	4.3cm (1.7in)
Depth	68cm (26.7in)



Power

120/240 AC, 800 Watts
High-Efficiency
Dual Redundant Supply

USB 3.0

1/10 GbE

Optional Rapid Data Offload Interface

daqscribe

daqscribe
The Ethernet Recorder Company



HYPERION200

Specification	Description
Hardware Time Stamp	• Resolution: 1 ns, Stratum 3 compliant TCX • Time formats: PCAP-ns/-us, UNIX 10 ns, 1 ns
Timing/Synchronization	• OS time synchronization • SMA interface for PPS (optional) • RJ45 100/1000BASE-T interface for IEEE 1588 PTP and SyncE support (optional)
Data Format	• PCAP or NTCAP format (capture/record only) • API & example C code for data parsing and extraction
In-line FPGA Data Processing (Optional Features)	• Real-time FPGA in-line packet filtering • Packet Filtering based on Layer2, Layer3, and Layer4 criteria • Merging traffic from all ports into one stream • Slicing at fixed or dynamic offset • Traffic retransmission from one port to another while capturing
Storage Options	• NVMe TCG® Opal SSC encryption-ready drives (SEDs) • Storage capacity 8TB to 720TB • Additional storage drive pack option available
CPU & Memory	• AMD EPYC CPU • System Memory from 128GB to 2TB
Peripherals	• Front: Power switch/LED, ID switch/LED, 1xUSB3.0 • Rear: 2xUSB3.0, 1xVGA DSUB15 port (1600x1200 resolution) • Rear: 2x1/10GbE RJ45, 1xGbE RJ45 dedicated for IPMI • Rear: 1xCOM DSUB9 port
Data Offload Port Options	• 10GbE: 2 or 4 ports RJ45, 2 or 4 ports SFP+ • 40GbE: 1 or 2 ports QSFP+ • 100GbE: 1 or 2 ports QSFP28 • 200GbE: 1 or 2 ports QSFP56
Temperature & System Cooling	• Operating Temperature: 0°C to 35°C (50°F to 95°F) • Non-Operating Temperature -40°C to 70°C (-40° F to 158°F) • Operating Humidity: 90%, non-condensing at 35°C • 6x40mm PWM cooling fans, front to rear airflow
Mounting/Transport	• 1U chassis rail kit included

Optimized Platform Speed Options	Capture & Replay Port Options	Storage Options
400Gbps 200Gbps 160Gbps 100Gbps 80Gbps 40Gbps	QSFP56 (200GbE) QSFP28 (100GbE) QSFP+ (40GbE) SFP28 (25GbE) SFP+ (10GbE)	8TB to 720TB