DDR7200 HYPERION

Capture & Replay Ports

SFP+	10GbE
SFP28	25GbE
QSFP+	40GbE
QSFP28	100GbE
QSFP56	200GbE

Removable Storage

Up to 360TB, NVMe TCG® Opal SSC encryption-ready drives (SEDs)

Size (Footprint)

Width	43.9cm (17.26in)
Height	4.3cm (1.69in)
Depth	68.0cm (26.77in)

Weight
16kg (35lbs)

Power

120/240 AC, 800 Watts, high-efficiency dual redundant supply

daqscribe

Fast. Versatile. 200Gbps and Ready

DDR7200 HYPERION

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	• High endurance Enterprise NVMe solid state drive • Storage capacity 30TB to 360TB • 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: 2xGbE/10GbE RJ45, 1xGbE RJ45 dedicated for IPMI • Rear: 1xCOM DSUB9 port
Data Offload Options	• 10GbE: 2 or 4 ports 10GBASE-T, 2 or 4 ports SFP+ • 40GbE: 1 or 2 ports QSFP+ • 100GbE: 1 or 2 ports QSFP28
Temperature & System Cooling	• Operating Temperature: 0° C ~ 35° C (50° F~ 95° F) • Non-Operating Temperature -40° C ~ 70° C (-40° F ~ 158° F) • Operating Humidity: 90%, non-condensing at 35° C • 6x40mm PWM cooling fans, front to rear airflow
Mounting	• 1U chassis rail kit included • Display monitor, keyboard, and mouse NOT included

Platform Speed Options	Link Options	Storage Options
20Gbps (DDR7020) 50Gbps (DDR7050) 100Gbps (DDR7100) 160Gbps (DDR7160) 200Gbps (DDR7200)	SFP+ (10GbE) SFP28 (25GbE) QSFP+ (40GbE) QSFP28 (100GbE) QSFP56 (200GbE)	30TB 60TB 90TB 120TB 180TB 360TB