

DDR7400 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



Fast. Versatile. 400Gbps and **Ready**

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Specification	Description
Hardware Time Stamp	<ul style="list-style-type: none"> Resolution: 1 ns, Stratum 3 compliant TCX Time formats: PCAP-ns/-us, UNIX 10 ns, 1 ns
Timing/Synchronization	<ul style="list-style-type: none"> OS time synchronization SMA interface for PPS (optional) RJ45 100/1000BASE-T interface for IEEE 1588 PTP and SyncE support (optional)
Data Format	<ul style="list-style-type: none"> PCAP or NTCAP format (capture/record only) API & example C code for data parsing and extraction
In-line FPGA Data Processing (Optional Features)	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> High endurance Enterprise NVMe solid state drive Storage capacity 30TB to 360TB Additional storage drive pack option available
CPU & Memory	<ul style="list-style-type: none"> AMD EPYC CPU System Memory from 128GB to 2TB
Peripherals	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 1U chassis rail kit included Display monitor, keyboard, and mouse NOT included

Platform Speed Options	Link Options	Storage Options
20Gbps (DDR7020)	SFP+ (10GbE)	30TB
50Gbps (DDR7050)	SFP28 (25GbE)	60TB
100Gbps (DDR7100)	QSFP+ (40GbE)	90TB
160Gbps (DDR7160)	QSFP28 (100GbE)	120TB
200Gbps (DDR7200)	QSFP56 (200GbE)	180TB
400Gbps (DDR7400)	QSFPDD (400GbE) (Coming Soon)	360TB

