

DDR HYPERION400

Fast. Versatile. 400Gbps & **Ready**

DDR HYPERION100 & DDR HYPERION200 Models Available



Removable Storage

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

Weight

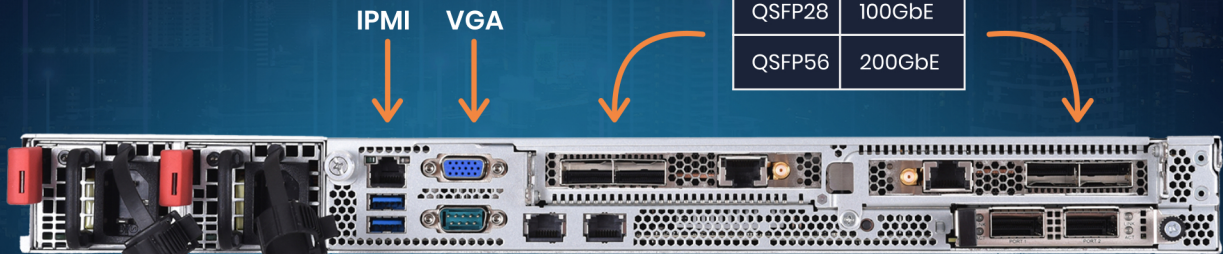
5.5kg (12.2lbs)

Size (Footprint)

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

Capture & Replay Ports

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



Power

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

USB 3.0

1/10 GbE

Optional Rapid
Data Offload Interface



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"> NVMe TCG® Opal SSC encryption-ready drives (SEDs) 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: 2x1/10GbE RJ45, 1xGbE RJ45 dedicated for IPMI Rear: 1xCOM DSUB9 port
Data Offload Options	<ul style="list-style-type: none"> 10GbE: 2 or 4 ports RJ45, 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 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	<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	SFP+ (10GbE)	30TB
50Gbps	SFP28 (25GbE)	60TB
100Gbps	QSFP+ (40GbE)	90TB
160Gbps	QSFP28 (100GbE)	120TB
200Gbps	QSFP56 (200GbE)	180TB
400Gbps		360TB
		720TB

