

# MDR PLATINUM100

Portable. 100Gbps & **Ready**

## Size

Width	29.2cm (11.5in)
Height	14cm (5.5in)
Depth	25.4cm (10in)

## Weight

6kg (13lbs)

## Storage

Up to 240TB, NVMe  
Enterprise Grade Drives

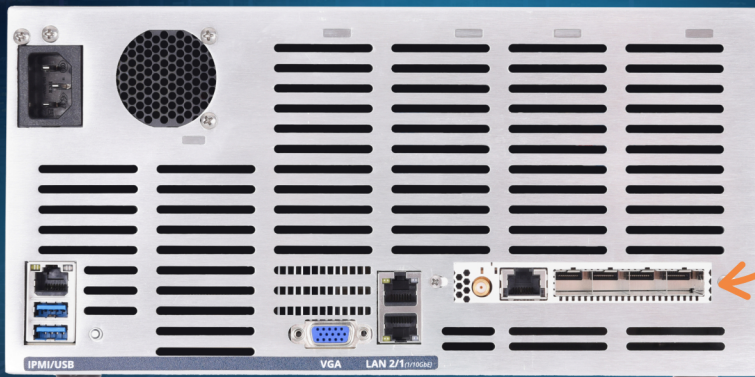


## Power

120/240VAC, 350 Watts

## Capture & Replay Ports

SFP+	10GbE
SFP28	25GbE
SFP28	10/25GbE
QSFP+	40GbE
QSFP28	100GbE



IPMI/USB 3.0

VGA

LAN 2/1  
Data Offload Ports





Specification	Description
<b>Hardware Time Stamp</b>	<ul style="list-style-type: none"> <li>Resolution: 1 ns, Stratum 3 compliant TCX</li> <li>Time formats: PCAP-ns/-us, UNIX 10 ns, 1 ns</li> </ul>
<b>Timing/Synchronization</b>	<ul style="list-style-type: none"> <li>OS time synchronization</li> <li>SMA interface for PPS (optional)</li> <li>RJ45 100/1000BASE-T interface for IEEE 1588 PTP and SyncE support (optional)</li> </ul>
<b>Data Format</b>	<ul style="list-style-type: none"> <li>PCAP or NTCAP format (capture/record only)</li> <li>API &amp; example C code for data parsing and extraction</li> </ul>
<b>In-line FPGA Data Processing (Optional Features)</b>	<ul style="list-style-type: none"> <li>Real-time FPGA in-line packet filtering</li> <li>Packet Filtering based on Layer2, Layer3, and Layer4 criteria</li> <li>Merging traffic from all ports into one stream</li> <li>Slicing at fixed or dynamic offset</li> <li>Traffic retransmission from one port to another while capturing</li> </ul>
<b>Storage Options</b>	<ul style="list-style-type: none"> <li>High endurance Enterprise NVMe solid state drive</li> <li>Optional NVMe TCG® Opal SSC encryption-ready drives (SEDs)</li> <li>Storage capacity 15TB to 240TB</li> </ul>
<b>CPU &amp; Memory</b>	<ul style="list-style-type: none"> <li>AMD EPYC™ 7003</li> <li>System memory from 32GB to 128GB</li> </ul>
<b>Peripherals</b>	<ul style="list-style-type: none"> <li>Front: Power switch/LED, Reset switch, Drive LED, Network LEDs,</li> <li>System Status LED</li> <li>Rear: 2xUSB3.0, 1xVGA DSUB15 port (1920x1080 resolution)</li> <li>Rear: 1xGbE RJ45 dedicated for IPM</li> </ul>
<b>Data Offload Options</b>	<ul style="list-style-type: none"> <li>1/10GbE: 2 ports RJ45</li> </ul>
<b>Temperature &amp; System Cooling</b>	<ul style="list-style-type: none"> <li>Operating Temperature: 0°C to 40°C (32°F to 104°F)</li> <li>Non-Operating Temperature -40°C ~ 70°C (-40°F ~ 158°F)</li> <li>Operating Humidity: 10~85% (non-condensing)</li> <li>2 x 40mm PWM cooling fans, 2 x 92mm PWM cooling fans</li> </ul>
<b>Mounting</b>	<ul style="list-style-type: none"> <li>Durable Carrying Case</li> </ul>

Platform Speed Options	Link Options	Storage Options
40Gbps	SFP+ (10GbE)	7TB
50Gbps	SFP28 (25GbE)	15TB
80Gbps	SFP28 (10/25GbE)	30TB
100Gbps	QSFP+ (40GbE)	60TB
	QSFP28 (100GbE)	120TB
		240TB

