

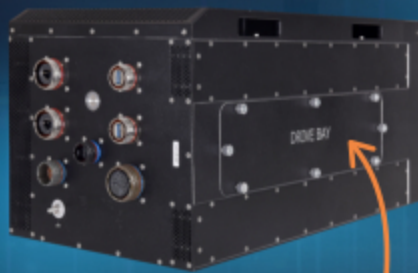
# XDR TITAN100

MIL-STD  
810 & **Ready** for the Extreme  
Designed

## Size (Footprint)

Width	25.4cm (10in)
Height	25.4cm (10in)
Depth	50.8cm (20in)

Mock-Up E Pod  
\*Visual Reference Only

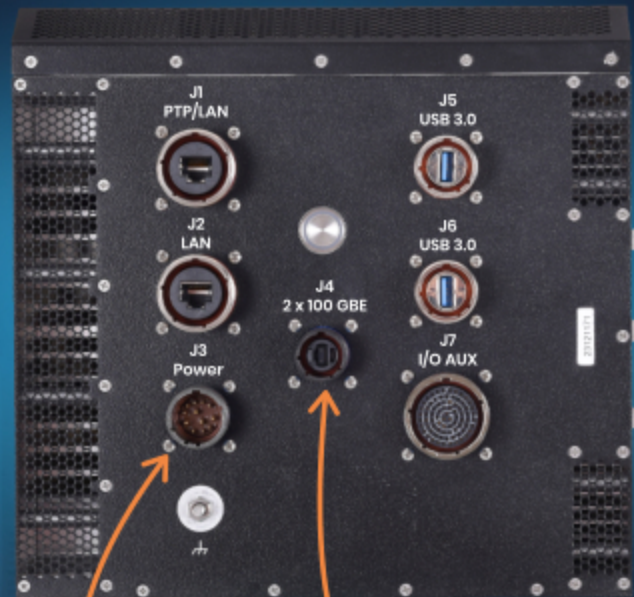


## Weight

18.1kg (40lbs)

## Removable Storage

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



## Power

28VDC, 350W (nominal)  
D38999 Connector

## Capture & Replay Ports

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



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>CPU &amp; Memory</b>	<ul style="list-style-type: none"> <li>AMD EPYC™ 7003</li> <li>System memory: 128GB DDR4 ECC registered</li> </ul>
<b>Storage Options</b>	<ul style="list-style-type: none"> <li>High endurance Enterprise NVMe solid state drive</li> <li>Storage capacity 15TB to 720TB</li> <li>Removable storage drives</li> </ul>
<b>Environmental Standards</b>	<ul style="list-style-type: none"> <li>Operational Temperature: -54°C to +55°C</li> <li>Humidity: 100%</li> <li>Altitude: 35,000ft operation</li> <li>Designed to meet MIL-STD 810</li> </ul>
<b>Peripherals</b>	<ul style="list-style-type: none"> <li>J1: RJ45, PTP/LAN</li> <li>J2: RJ45 LAN</li> <li>J3: Power, D38999/20WD97SA</li> <li>J4: Capture ports, D38999/20WD97SA</li> <li>J5: USB 3.0</li> <li>J6: USB 3.0</li> <li>J7: AUX panel I/O, D38999/20FD97PA, 1 PPS, VGA, Power Switch/LED/Reset, 1 Port GbE RJ45 dedicated for IPMI</li> </ul>
<b>Data Offload Options</b>	<ul style="list-style-type: none"> <li>Amphenol RJFTV21V: 2 ports 10GbE RJ45 (optional IEEE1588 RJ45)</li> <li>Amphenol USB3FTV2SA03NASTR: 2xUSB3.0</li> </ul>
<b>Temperature &amp; System Cooling</b>	<ul style="list-style-type: none"> <li>Conduction-cooled. Blower fans for convection assistance</li> </ul>
<b>Mounting</b>	<ul style="list-style-type: none"> <li>Tray or bulkhead mount</li> </ul>

Platform Speed Options	Link Options	Storage Options
80Gbps 100Gbps	SFP+ (10GbE) SFP28 (25GbE) QSFP+ (40GbE) QSFP28 (100GbE)	15TB 60TB 90TB 120TB 180TB 360TB 720TB

