

MDR6050 SILVER

Storage

Up to 120TB, NVMe
Enterprise Grade Drives

Capture & Replay Ports

SFP+	10GbE
SFP28	25GbE



Size (Footprint)

Width	33.0cm (13in)
Height	9.6cm (4.0in)
Depth	22.6cm (8.9in)

Weight

Less than 5kg (11lbs)

Power

120/240 AC, 300 Watts
(Optional 12VDC)



Light. Compact. 50Gbps and **Ready**



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

Optional Capture/Record In-Line Features (FPGA Processing)

- 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
- Optional NVMe TCG® Opal SSC encryption-ready drives (SEDs)
- Storage capacity 7TB to 120TB

CPU & Memory

- Intel Xeon SoC: 4 cores to 16 cores
- System Memory from 32GB to 256GB

Peripherals

- Front: Power switch/LED, Reset switch, Drive LED, Network LEDs, System Status LED
- Rear: 2xUSB3.0, 1xVGA DSUB15 port (1920x1080 resolution)
- Rear: 1xGbE RJ45 dedicated for IPM

Data Offload Options

- 1GbE: 4 ports RJ45
- 10GbE/25GbE: 2 ports SFP+/SFP28

Temperature & System Cooling

- Operating Temperature: 0 °C to 40 °C (32 °F to 104 °F)
- Non-Operating Temperature -40° C ~ 70° C (-40° F ~ 158° F)
- Operating Humidity: 10~85% (non-condensing)
- 1 x 80mm, 1 x 60mm, 4 x 40mm PWM cooling fans

Transport

- Durable Carrying Case

Platform Speed Options	Link Options	Storage Options
20Gbps (MDR6020)	SFP+ (10GbE)	7TB
40Gbps (MDR6040)	SFP28 (25GbE)	15TB
50Gbps (MDR6050)		30TB
		60TB
		120TB

