

MDR MINI20

Ultra Thin. 20Gbps & Ready



Size

Width	25.4cm (10in)
Height	4.3cm (1.7in)
Depth	22.6cm (8.9in)

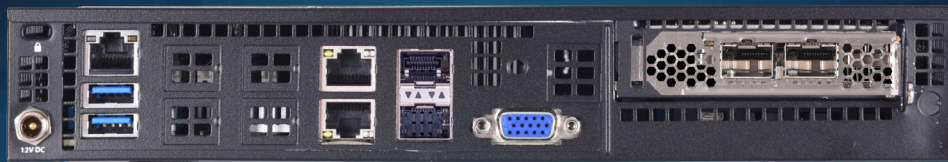
Weight

2.5kg (5.5lbs)

Capture & Replay Ports

SFP+/RJ45	1/10GbE
SFP+	10GbE

IPMI



Power

12VDC, 15A

USB 3.0

Data Offload Ports

VGA



Storage

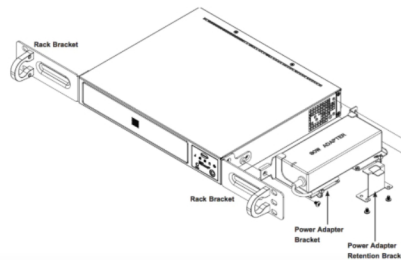
Up to 30TB, NVMe Enterprise Grade Drives



Specification

Description

Hardware Time Stamp	<ul style="list-style-type: none"> Resolution: 4 ns, Stratum 3 compliant TCXO Time formats: PCAP-ns/-μs, UNIX 10 ns
Timing/Synchronization	<ul style="list-style-type: none"> OS time synchronization (default) Rx Time Stamp
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
Storage Options	<ul style="list-style-type: none"> High endurance Enterprise NVMe solid state drive Optional NVMe TCG® Opal SSC encryption-ready drives (SEDs) Storage capacity 3.8TB to 30 TB
CPU & Memory	<ul style="list-style-type: none"> Xeon SoC: Options from 4 to 16 cores System memory: Options from 16GB to 256GB
Peripherals	<ul style="list-style-type: none"> Front: Power switch, Reset switch & 6 x LED indicators Rear: 2xUSB 3.0, 1xVGA DSUB15 port (1920x1080 resolution) Rear: 1xGbE RJ45 dedicated for IPMI
Data Offload Options	<ul style="list-style-type: none"> 1/10GbE: 2 ports RJ45 10GbE/25GbE: 2 ports SFP+/SFP28
Temperature & System Cooling	<ul style="list-style-type: none"> Operating Temperature: 0°C to 40°C (32°F to 104°F) Non-Operating temperature: -40°C to 70°C (-40°F to 158°F) Operating Humidity: 10~85% (non-condensing) 3 x 40mm PWM cooling fans
Mounting	<ul style="list-style-type: none"> Durable carrying case Optional 1U rackmount kit



Platform Speed Options	Link Options	Storage Options
20Gbps	SFP+/RJ45 (1/10GbE) SFP+ (10GbE)	3.8TB
		7.7TB
		15TB
		30TB

