2.5" U.2 NVMe Hot Swap SSD   2.5" U.2 NVMe Hot Swap SSD   2.5" U.2 NVMe Hot Swap SSD   2.5" U.2 NVMe Hot Swap SSD   2.5" U.2 NVMe Hot Swap SSD

FMADIO100G Gen2
Full Line Rate Sustained 100Gbit Packet Capture

100Gbps Full Packet Capture

Advanced 100Gbps Line Rate Packet Capture system. Full packet capture at sustained 100Gbps Line Rates with 64Byte packets at 148.8Mpps.

FMADIO Advanced Technology group has created the best 100Gbps packet capture system utilizing proprietry FPGA hardware and bleeding edge software. Resulting in an incredible full 100Gbps packet capture system at reasonble prices.

Built using Open Standard PCAP, HTTP and JSON specifications FMADIO100G is simple to operate, and easy to integrate into your existing environment.

In addition the system has a built in 100Gbps packet generator and replay feature, enabling capture and replay using the same device.

Features:
- 100Gbps Sustained Packet Capture
- 200Gbps Burst Packet Capture
- 200Gbps Line Rate Packet Generator
- x2 QSFP28 Ports
- SR4 / LR4 / CX4 + FEC support
- 4TB ~ 110 TB RAID5 Storage
- Hardware Time Stamping
- Pre-capture Filtering
- Inline Packet Capture
- Packet Slicing
- Packet Replay + Blaster
- Simple easy to use Web GUI
- Fully scriptable JSON API

Specification

Network Sustained Capture Speed:
100Gbps Line Rate Packet Capture
148.88Mpps Packet Capture

Network Capture Ports;
x2 QSFP28 100Gbps Capture Port
x2 QSFP28 100Gbps Generator Port
SR4 / LR4 / CX4 + FEC Support

Packet Size:
64B-9200B

Managment Interface
x1 10G SFP+
x1 10/100/1000M RJ45

IPMI Interface
x1 10/100/1000Mb RJ45

Hardware Time Stamp Resolution
3.2ns

Clock Synchronization
PTPv2, NTP, PPS

Hot Swap Drive:
x10 U.2 NVMe SSD drives

Storage Size:
4TB ~ 110TB Total Raw Storage
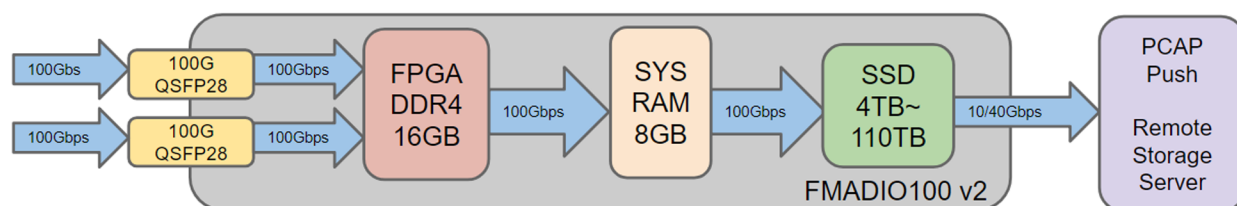
Storage Mode:
Full 100Gbps RAID5

Chassis Size:
1U Rack mountable
482mmx787mmx44mm
19" x 31" x 1.75"

Rack mount Rails
31" Tool-less Rails

Cooling:
x12 Hot swap 40mm Fans

Power:
Dual 850W Power Supply
Hot Swap Power Supply
(Operates with Single PSU)

Total Weight:
21.0Kg

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FMADIO
10G 40G 100G PACKET CAPTURE

Dual Hot Swap PSU   10G Managment   1G Management   IPMI   QSFP28 100Gbps Generator Port A   QSFP28 100Gbps Capture Port B   PPS Time Sync