

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 proprietary FPGA hardware and bleeding edge software, at a clear and affordable price.

All FMADIO appliances come with a fast, easy to use UI, that's simple to learn. Our PacketScope software gives you the power to quickly dissect data to find the packets you need to solve problems. Familiar BPF filtering reliably reduces the size of packet downloads.

A single device supports 2x100G, 2x40G, 8x25G, 8x10G operating modes, for all network topologies.

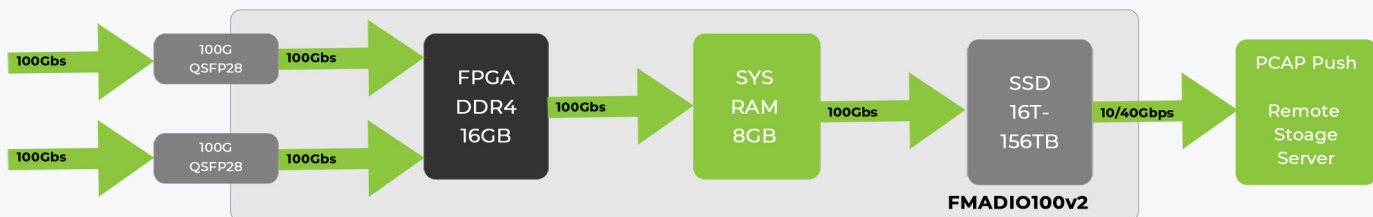
In addition the system has a built in 100Gbps packet generator and replay feature, enabling capture and replay using the same device.

FEATURES

- 100Gbps Sustained Packet Capture
- 200Gbps Burst Packet Capture
- 2x QSFP28 Ports
- SR4 / LR4 / CX4 + FEC support
- 200Gbps Line Rate Packet Generator
- 16TB ~ 156 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	Hardware Time Stamp Resolution: 3.2ns	Rackmount Rails: 31" long Tool-less Rails
Network Capture Ports: 2x QSFP28 100Gbps Capture Port 2x100G / 2x40G / 8x25G / 8x10G SR4 / CDWM4 / LR4 / CX4 + FEC Support	Clock Synchronization: PTPv2, NTP, PPS	Cooling: 12x Hot swap 40mm Fans
Packet Size: 64B-9218B	Hot Swap Drive: x10 U.2 NVMe SSD drives	Power: Dual 1200W Power Supply Hot Swap Power Supply (Operates with Single PSU)
Management Interfaces: 2x 10GbE SFP+ 2x 10/100/1000MbE RJ45 2x 40GbE QSFP (optional)	Storage Size: 16TB - 156TB Total Raw Storage	Size: 1U Rack mountable 482mmx787mmx44mm 19" x 31" x 1.75"
	Storage Mode: Full 100Gbps RAID5	Total Weight: 24.8kg / 55lbs



FRONT

2.5" U.2 NVMe Hot Swap SSD



REAR



Dual Hot Swap PSU

1GbE Management

Serial

IPMI

PPS

Time Sync

10GbE Management (40GbE Optional)

QSFP28 100Gbps Capture Port A

QSFP28 100Gbps Capture Port B