

## FMADIO20G Gen3

Full Line Rate Sustained 100Gbit Packet Capture

Advanced 1U 20Gbps Line Rate Packet Capture system.

Reliable lossless line rate packet capture appliances for any network speed, any flow rate, any packet size.

FMADIO Advanced Technology group has created the best 20Gbps 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.

Our systems are designed to be open and extensible, letting you tailor them to your needs and providing future-proofing against new requirements. FMADIO appliances support Linux Containers, so 3rd party or home-grown applications are easy to add. A simple HTTP based API enables integration with automation tools, and the Push functionality means that you can archive filtered subsets of data to long term storage.

## 20Gbps Full Packet Capture

### FEATURES

- 20 Gbps Line Rate Packet Capture
- 2x SFP+ 1/10GbE Ports
- 20Gbps Line Rate Packet Generator
- 1TB to 4TB SSD Cache
- 16TB to 40TB TB RAID5 Storage
- Real time compression
- Hardware Time Stamping
- Pre-capture Filtering
- Inline Packet Capture
- ERSPAN/DANZ/GRE/other packet de-encapsulation
- Packet Slicing
- Packet Replay + Blaster
- Simple easy to use Web GUI
- Fully scriptable JSON API

### SPECIFICATION

Network Sustained Capture Speed:  
20Gbps Line Rate Packet Capture  
29.76Mpps Packet Capture

Network Capture Ports:  
2x SFP+ 10GbE / 1GbE Capture Ports

Packet Size:  
64B-9218B

Management Interfaces:  
2x 10GbE SFP+  
2x 10/100/1000MbE RJ45

IPMI Interface:  
1x 10/100/1000 RJ45

Hardware Time Stamp  
Resolution: 3.2ns

Clock Synchronization:  
PTPV2, NTP, PPS

Hot Swap Drive:  
4x 3.5" Magnetic Drives

Storage Size:  
16TB - 40TB Total Raw Storage

Storage Mode:  
RAID5

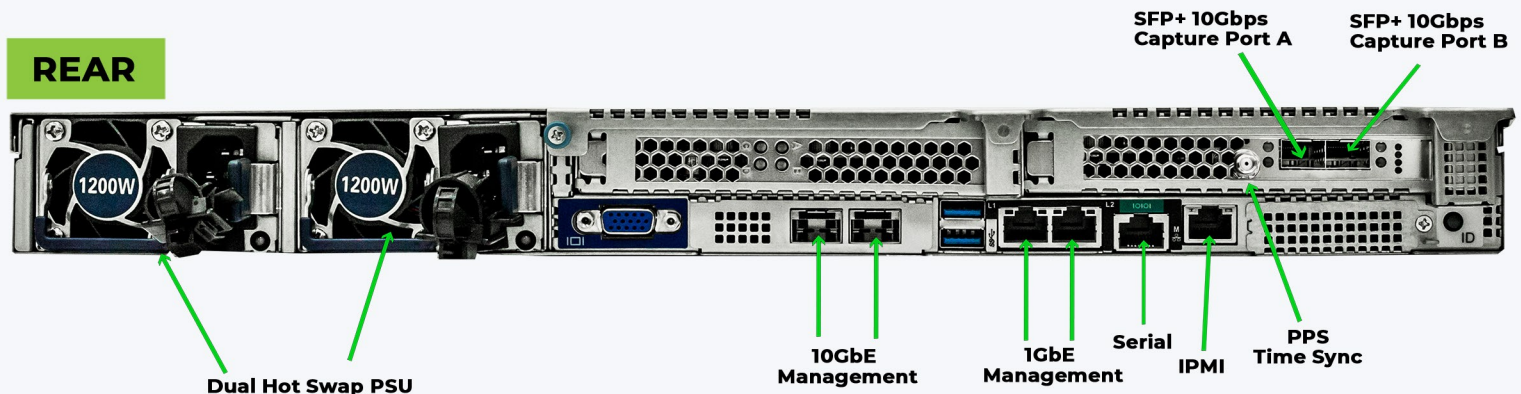
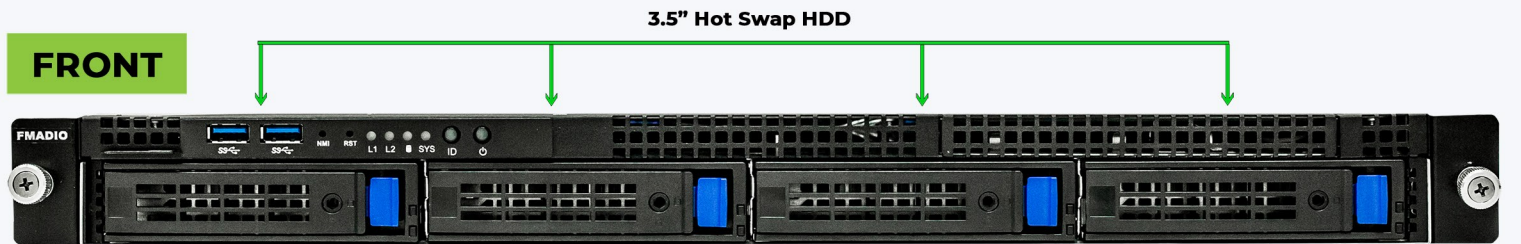
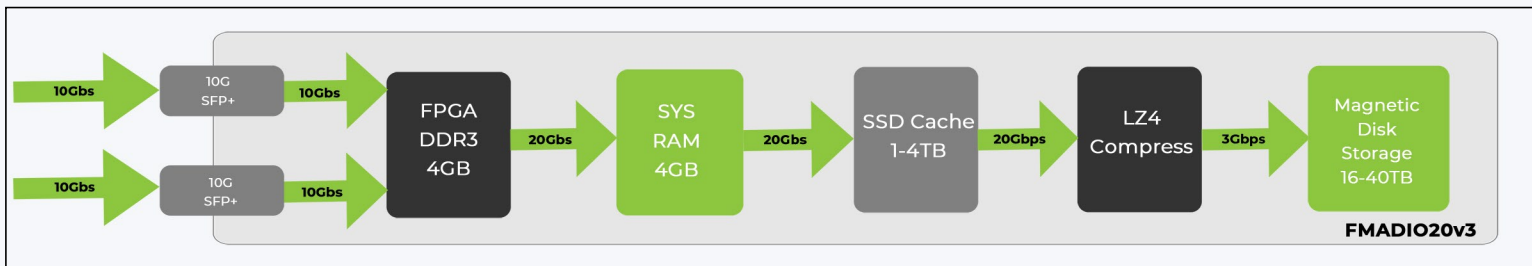
Rackmount Rails:  
Tool-less Rails

Cooling:  
12x Hot swap 40mm Fans

Power:  
Dual 1200W Power Supply  
Hot Swap Power Supply  
(Operates with Single PSU)

Size:  
1U Rack mountable  
482mmx640mmx44mm  
19" x 25" x 1.75"

Total Weight:  
24.8kg / 55lbs





## FMADIO20G Gen3 2U

Full Line Rate Sustained 100Gbit Packet Capture

## 20Gbps Full Packet Capture

Advanced 2U 20Gbps Line Rate Packet Capture system.

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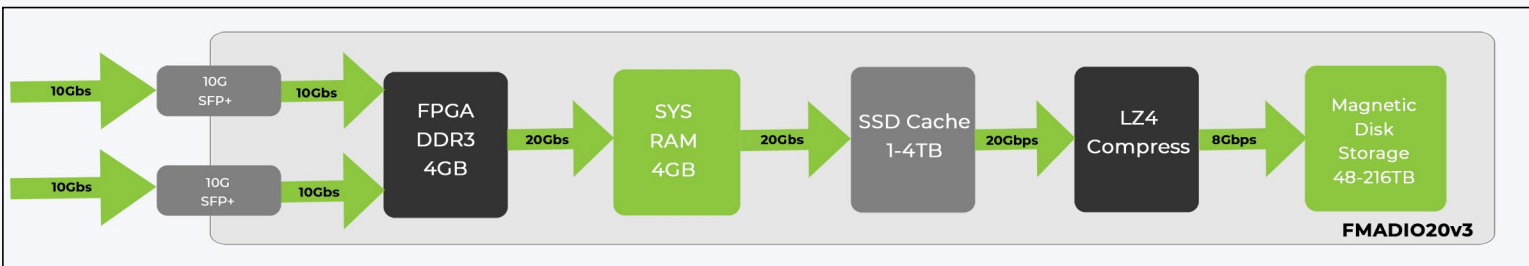
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### FEATURES

- 20 Gbps Line Rate Packet Capture
- 2x SFP+ 1/10GbE Ports
- 20Gbps Line Rate Packet Generator
- TTB to 4TB SSD Cache
- 48TB to 216TB TB RAID5 Storage
- Real time compression
- Hardware Time Stamping
- Pre-capture Filtering
- Inline Packet Capture
- SPAN or Tap capture
- Packet Slicing
- Packet Replay + Blaster
- Simple easy to use Web GUI
- Fully scriptable JSON API

### SPECIFICATION

<b>Network Sustained Capture Speed:</b> 20Gbps Line Rate Packet Capture 29.76Mpps Packet Capture	<b>Hardware Time Stamp Resolution:</b> 32ns	<b>Rackmount Rails:</b> Tool-less Rails
<b>Network Capture Ports:</b> 2x SFP+ 10GbE / 1GbE Capture Ports	<b>Clock Synchronization:</b> PTPv2, NTP, PPS	<b>Cooling:</b> 4x Hot swap 80mm Fans
<b>Packet Size:</b> 64B-9218B	<b>Hot Swap Drive:</b> 12x 3.5" Magnetic Drives	<b>Power:</b> Dual 1200W Power Supply Hot Swap Power Supply (Operates with Single PSU)
<b>Management Interfaces:</b> 2x 10GbE SFP+ 2x 10/100/1000MbE RJ45	<b>Storage Size:</b> 48TB - 216TB Total Raw Storage	<b>Size:</b> 2U Rack mountable 482mmx730mmx87mm 19" x 29" x 3.5"
<b>IPMI Interface:</b> 1x 10/100/1000 RJ45	<b>Storage Mode:</b> RAID5	<b>Total Weight:</b> 34.8kg / 77lbs



### FRONT

12 x 3.5" Hot Swap HDD



### REAR

SFP+ 10Gbps Capture Port A    SFP+ 10Gbps Capture Port B    PPS Time Sync

