



FlowDirector-680-F

**48 SFP+/SFP28 10G/25G and
8 QSFP+/QSFP28 40G/100G Ports
Programmable Network Flow Director**

Applications

- Network Monitoring and Forensic Infrastructure ■
- Network Visibility and SPAN Port Expansion ■
- Advanced Inline High Speed Network Diagnosis ■
- Lab Test Equipment Sharing and Automation ■
- Lab Equipment Cable Management Optimization ■
- Network Element Quality Assurance ■

**48 10G/25G SFP+/SFP28, 8
40G/100G QSFP+/QSFP28**

10G/25G SFP/SFP+/SFP28 and
40G/100G QSFP+/QSFP28 Ports With
DAC Support

4.0Tbps Throughput, Low Latency

Powerful Flow Management

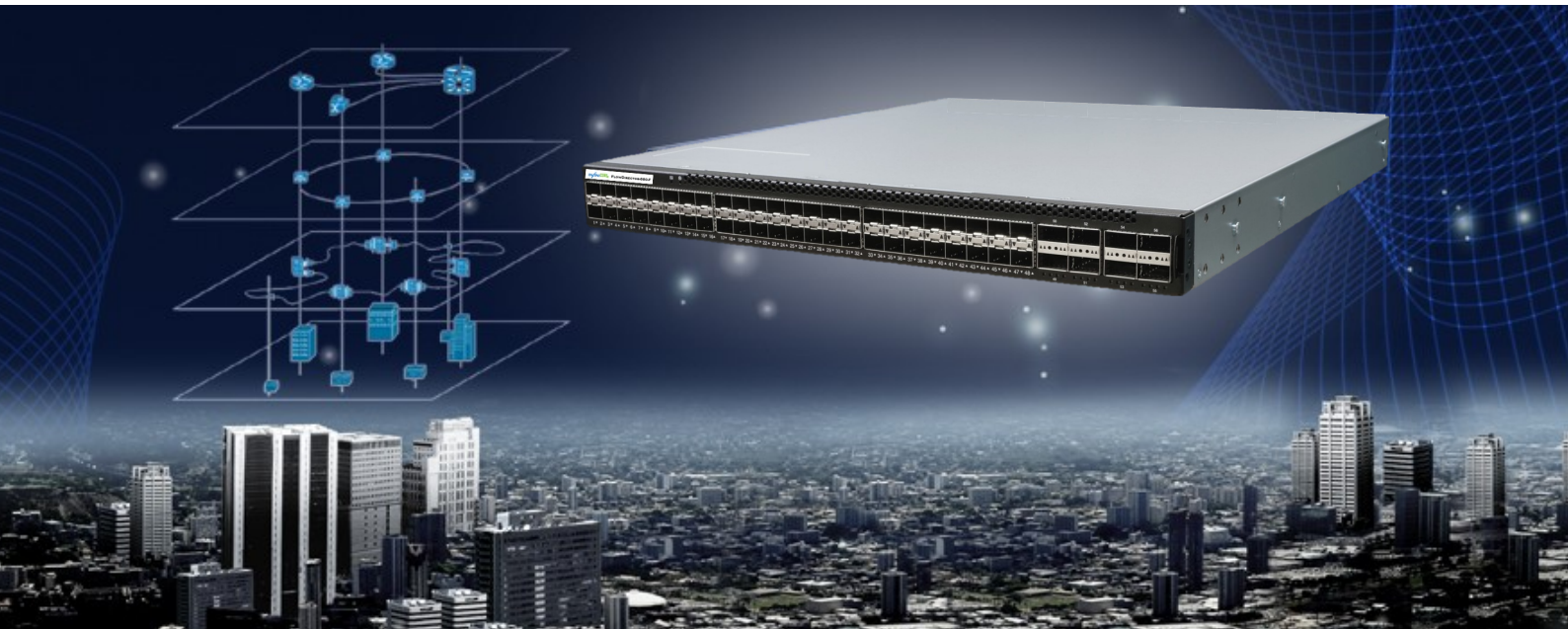
Supports Dynamic Virtual Wire; Inline Traffic Split and Merge; Traffic Replication; Traffic Aggregation; Fan out; Load Balancing and Switching all at line rate.

Green and Cost Effective

1U Rack Mount

450W of Power Consumption

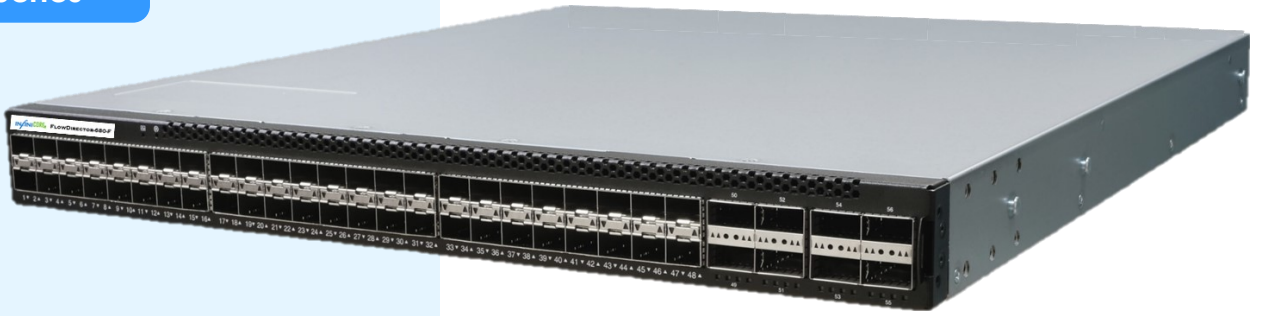
Easy to use Web GUI, CLI and Automation APIs



Next Generation Device Designed For Network Visibility and Forensic Infrastructure. Significantly Reduce SPAN Port Usage and Maintain Total Visibility for All Analytic Equipment. Improve Lab Tool Efficiency and Simplify Cable Management

FlowDirector-680-F

InfiniFlow Series



- Network Monitoring and Forensic Infrastructure
- Maintain total visibility for all network monitoring and forensic devices
- Flexible traffic management modes, reliable and lossless for both Gigabit, Ten Gigabit and Forty Gigabit
- Standard based Easy to Use InfiniOS
- Web Based UI and CLI Support
- Programmable API to automate operating tasks
- Comprehensive Status and Statistics Indication through User Interface
- Improves Sharing of Lab Equipment
- Improves Lab Cable Management and inline diagnosis capabilities
- Low TCO
- Green

Contact us

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Next Generation Device For Total Network Visibility

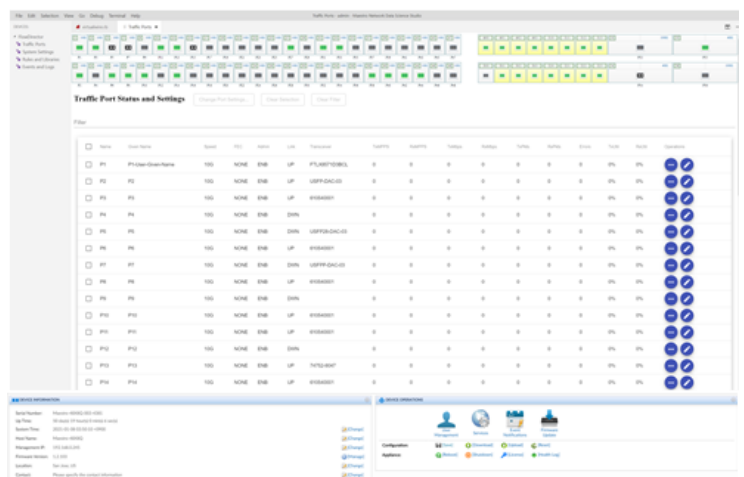
The Infinicore™ Network FlowDirector-680-F helps network administrator to connect their high speed network to different monitoring and forensic devices without creating congestions. The FlowDirector-680-F gives flexibilities to network administrators to deploy extra monitoring device on the fly without the needs for SPAN ports. Network administrators can chose many different traffic modes range from replication to load balancing to best suites their needs. For all functioning modes, the FlowDirector-680-F provides up to 4.0Tbps throughput at line rate even for the smallest frame size.

Streamlined, Outstanding Software Package

The Network FlowDirector is powered by Intel's P4 programmable Tofino™ switch ASIC and InfiniOS with comprehensive remote management through Web Based GUI and Command Line Interface. Operator can access all the functionalities and monitor device status through Web based GUI.

Improve Lab Efficiency and Ease of Cable Management

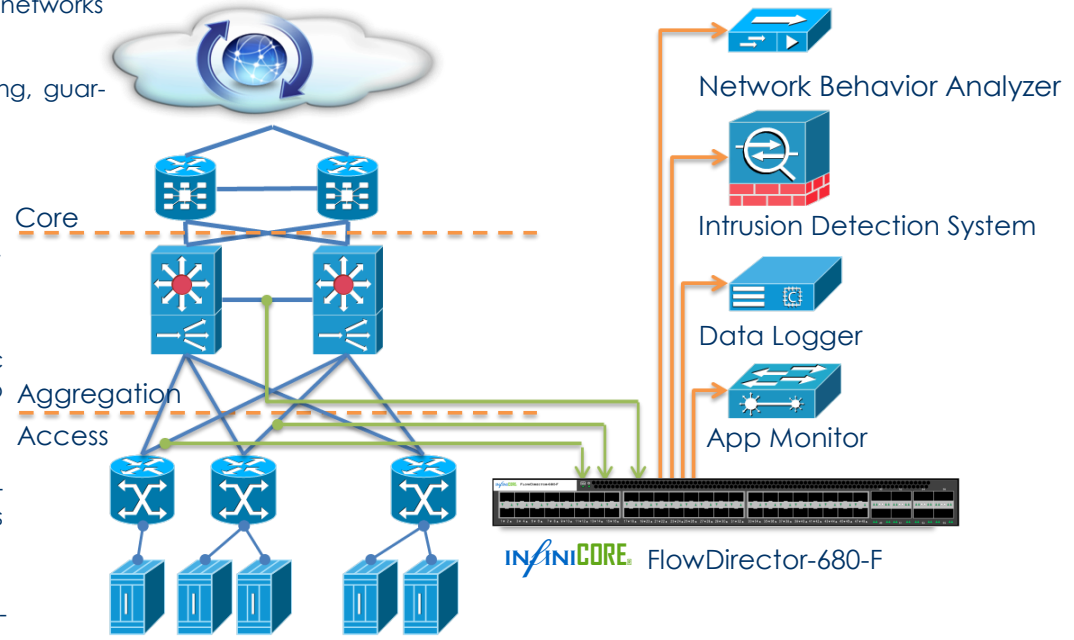
The Network FlowDirector-680-F is a critical tool to help you to improve LAB efficiency and ease of cable management. You can share expensive, scarce load generation ports across different DUT models and teams without rewiring the cable. Using our innovative Virtual Wire technology, you can change the connectivity by simple mouse clicks. Additionally The FlowDirector-680-F provides detailed statistics and plot capability so that you have complete visibility into your lab setup.



Highlights of Product Use Cases

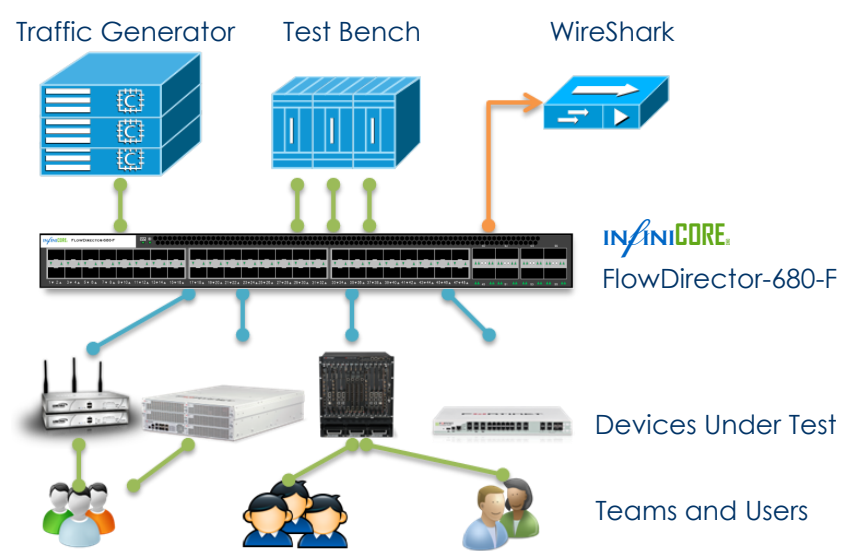
Next Generation Device for Network Monitoring and Forensic Infrastructure

- Single Or Multiple Points Deployment, minimum impact to networks
- Line rate packet forwarding, guaranteed performance
- Connect unlimited Monitoring devices on the fly without service interruption
- Advanced built-in traffic management modes to meet your needs
- Help network meet regulatory compliance such as SOX, PCI and HIPPA
- Wide range of media support, 100G, 40G, 25G, 10G



Improve Sharing of Scarce Lab Resource and Simplify Cable Management

- Sharing Expensive Tester Ports across multiple teams and DUTs
- Automatically switch connections between tester and DUTs
- Non-intrusive sniffer solution. Taps can be created in real time and on demand
- Run regression test across different DUTs without cable switching
- User management and port reservation
- Comprehensive Statistics and Counters, Total visibility to network state and traffic

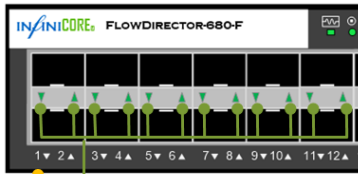


- Efficiently Share Lab Equipment and DUTs
- No Cable Rewiring
- Non intrusive traffic monitoring

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Innovation Towards Total Visibility Into Your Network

- **Data centers** and **enterprises** that deploy IDS, Probes, data logger devices
- **Governments** and **agencies** network monitoring, forensic collection
- **Service providers** delivering services and applications over IP networks
- **Operators** maintaining networks and standard compliance
- **Third parties** and **labs** performing devices validation and certification



10G/25G SFP+ Status Lights

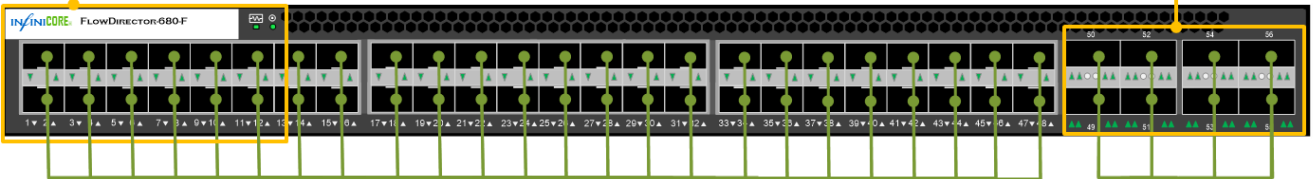
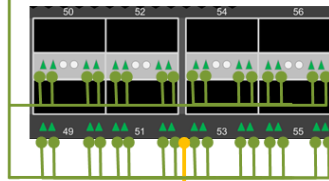
10G/25G Ethernet 1 to 48 Ports Status as below:

- ▲ Steady Green: 25Gbps link established
- ▲▲ Blinking Green: Transmit/receive at 25Gbps
- ▲ Steady Yellow: 10Gbps link established
- ▲▲ Blinking Yellow: Transmit/receive at 10Gbps
- ▲ OFF: No link

40G/100G QSFP+/QSFP28 Status Lights

40G/100G Ethernet 49 to 54 Ports Status as below:

- ▲ A Valid 100Gbps Link is established: Steady Green
- ▲▲ Transmit or Receive Packets at 100Gbps: Blinking Green
- ▲ A Valid 40Gbps Link is established: Steady Yellow
- ▲▲ Transmit or Receive Packets at 40Gbps: Blinking Yellow
- ▲ No link: OFF



1G/10G/25G SFP+ Ports

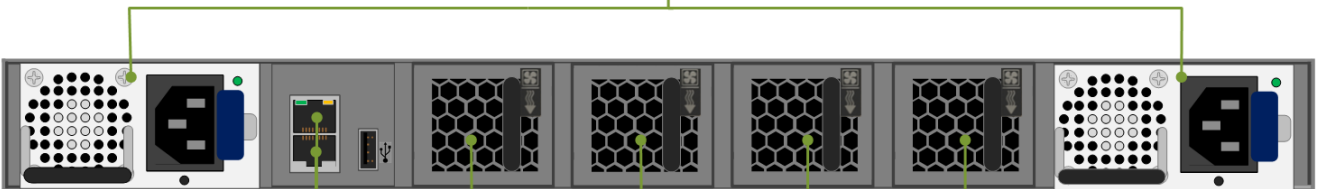
Provide 1G/10G/25G SFP+ Connectivity

40G/100G QSFP+ Ports

Provide 40G/100G QSFP+ Connectivity

AC Power Supply

AC power connection for use with the supplied power cords



Management Port Console Port

Provide Ethernet connection for management interface
For connection to InfiniOS command line interface

Hot Swappable Fans

Infinicore™ FlowDirector-680-F Order Information

Part Number	Redundant Power Supply	Form Factor	Operating Temperature
FDS-680-F-R2	Dual Modules	1U Rack Mountable	0-40 C

Contact Infinicore Sales sales@infinicoreinc.com
For more information, visit <http://www.infinicoreinc.com>