



iQ42080 Platform

Future-ready network intelligence platform powered by high performance, third-generation Intel® Xeon®



The iQ42080 platform gathers network intelligence to provide performance insights as well as enforces fine-grained traffic policies enabling network operators to take actions necessary to improve Application Quality of Experience (App QoE) for their subscribers.

The iQ42080 is a high-performance, short depth 2RU rugged appliance offering up to 80Gbps of throughput, supporting various functions such as capacity licenses and connectivity options (1/10/25GE) as well as 10GE internal and external bypass options. The iQ42080 is designed to support a broad range of inline and passive use cases offered by Sandvine or to update and expand existing deployments.

KEY BENEFITS

- Up to 80Gbps of throughput without packet drops
- Provides multiple connectivity options (1/10/25GE)
- Supports 10GE internal and external bypass options to reduce network downtime

The iQ42080 platform can be configured to support a range of functions such as capacity licensing, analytics, and policy enforcement.

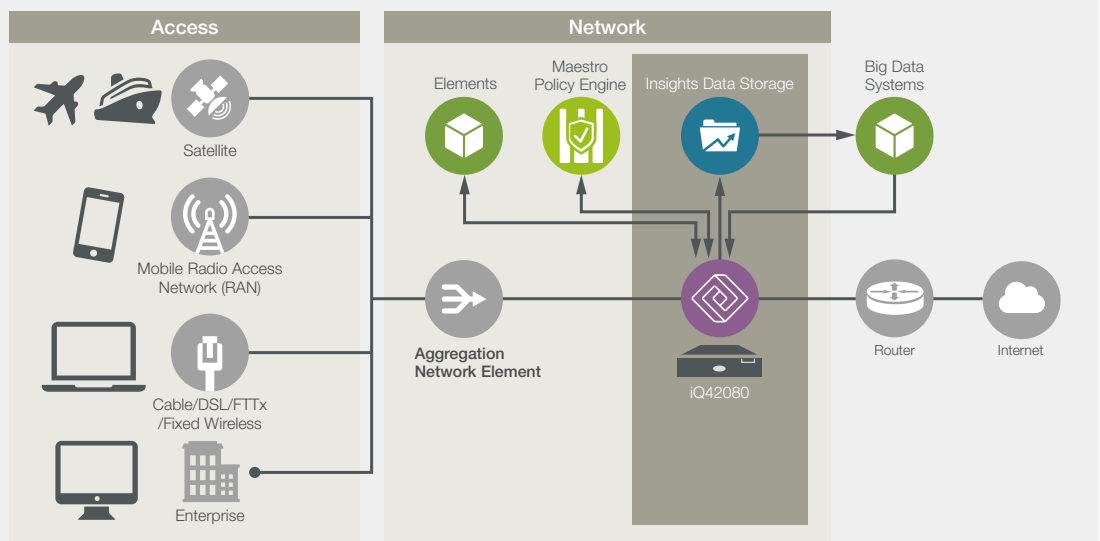
KEY CAPABILITIES

Sandvine's iQ42080 powered by ActiveLogic, enables a full suite of application and network intelligence coupled with policy enforcement capabilities, including:

- Application identification and classification
- Congestion management
- Application and traffic prioritization
- Application-layer traffic management
- Statistics collection and streaming
- Application delivery networking via advanced traffic steering

Figure 1

Typical iQ42080 Inline Deployment



iQ42080 SPECIFICATIONS



Connections	20,000,000 ¹
Connections/sec	1,000,000 ¹
Throughput	Up to 80Gbps
Subscribers	4,000,000 ¹
Management Interfaces	2 x 1GE/10GE SFP+
Service Interfaces	4 x 10/25GE SFP+
Max # of Traffic Channels	8 x 1/10GE SFP/SFP+
Number of Interfaces	16 x 1/10GE + 4 x 10/25GE or 16 x 10GE Internal Bypass + 4 x 10/15GE
Physical Interfaces	SFP28 25GE SR SFP28 25GE LR SFP+ 10GE SR SFP+ 10GE LR SFP 1GBaseT
Redundancy	Internal 10GE Bypass, External Bypass, FlowSync/QueueSync
Hardware	2 Rack Unit (RU), 19" Rack-Mounted with AC or DC Dual Power Supply Units
Dimensions	Height 86.8 mm (3.41") Width 482.6 mm (19") Depth 400 mm (15.74") Ear to rear wall + 45 mm (1.77") with bezel
Maximum Weight	19,5 kg
Power	Two hot-swappable Power Supply Units

¹ Depending on configuration

ABOUT SANDVINE

Sandvine's cloud-based Application and Network Intelligence portfolio helps customers deliver high quality, optimized experiences to consumers and enterprises. Customers use our solutions to analyze, optimize, and monetize application experiences using contextual machine learning-based insights and real-time actions. Market-leading classification of more than 95% of traffic across mobile and fixed networks by user, application, device, and location creates uniquely rich, real-time data that significantly enhances interactions between users and applications and drives revenues. For more information visit <http://www.sandvine.com> or follow Sandvine on Twitter @Sandvine.



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