



# iQ52600 Platform

## High performance, 2RU network intelligence and policy enforcement platform



The iQ52600 platform gathers network intelligence to provide performance insights as well as enforces fine grained policy to enable network operators to take actions necessary to improve the quality of experience (QoE) for users.

The iQ52600 platform is a high performance 2RU appliance offering up to 640Gbps of throughput, accessible by 12 x 100GE networking ports. The iQ52600 platform can be configured to support a broad range of use cases enabled by Sandvine across multiple solution areas.

### KEY BENEFITS

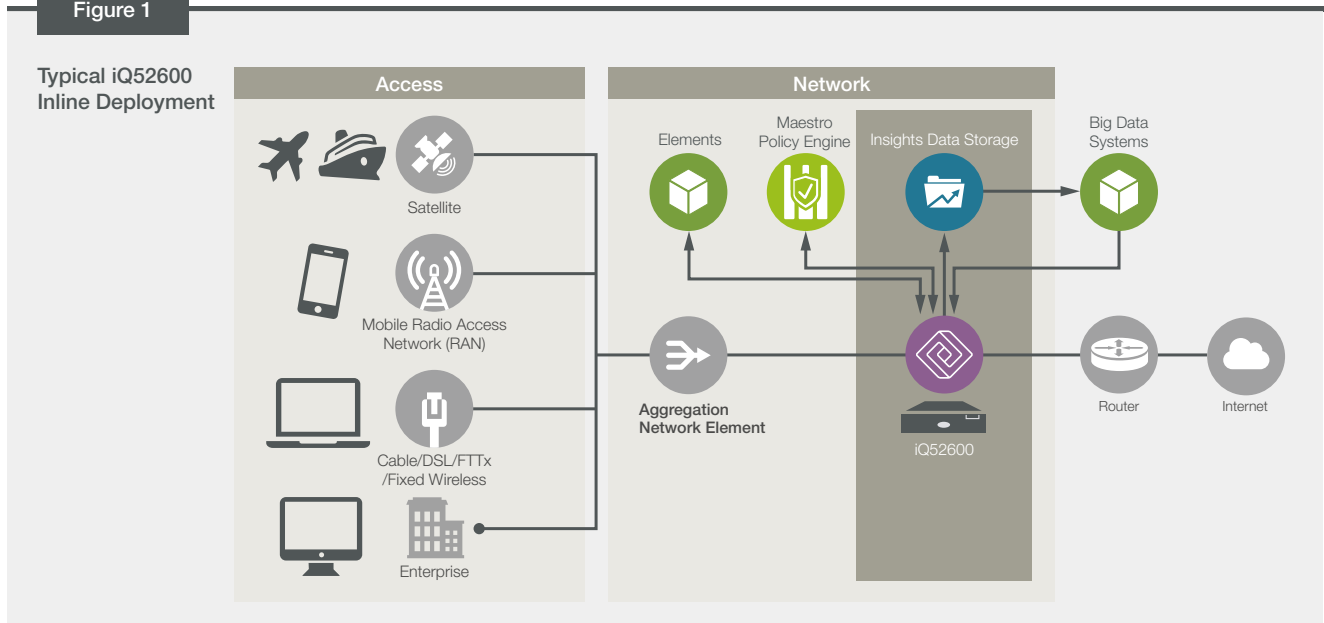
- Supports up to 640Gbps throughput, optimizing TCO for fixed, core networks
- Enables inline or passive deployments with state-of-the-art traffic burst absorption capabilities
- Provides multiple 100GbE network interface connectivity with 6 x 100GbE traffic channels
- Delivers automated external bypass integration, increasing redundancy and further optimizing TCO
- Scales to multiple Tbps with clustering

### KEY CAPABILITIES

Sandvine's iQ52600 with ActiveLogic, enables a full suite of network intelligence and policy enforcement capabilities, including:

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

Figure 1



# iQ52600 SPECIFICATIONS



Connections	150,000,000 <sup>1</sup>
Connections/sec	5,000,000 <sup>1</sup>
Throughput	Up to 640Gbps <sup>1</sup>
Subscribers	30,000,000 <sup>1</sup>
Management Interfaces	2x1000BASE-T
Max # of Traffic Channels	6x100GE QSFP28
Number of Interfaces	12x100GE QSFP28 8x25/10GE SFP+
Physical Interfaces	QSFP28 100G-SR4 QSFP28 100G-LR4 SFP28 25GE SR SFP28 25GE LR SFP+ 10GE SR SFP+ 10GE LR
Redundancy	External Bypass, FlowSync/QueueSync
Hardware	2 Rack Unit (RU), 19" Rack-Mounted with AC Power Supply
Dimensions	Height 86.8mm (3.42") Width 434.0mm (17.1") Depth 736.29mm (28.99") + 35.84 mm (1.4") with bezel
Weight	34.01kg (75lb)
Power	Two hot-swappable AC PSUs

<sup>1</sup> Depending on configuration

## ABOUT SANDVINE

Sandvine helps organizations run world-class networks with Active Network Intelligence, leveraging machine learning analytics and closed-loop automation to identify and adapt to network behavior in real-time. With Sandvine, organizations have the power of a highly automated platform from a single vendor that delivers a deep understanding of their network data to drive faster, better decisions. For more information, visit [sandvine.com](http://sandvine.com) or follow Sandvine on Twitter at [@Sandvine](https://twitter.com/Sandvine).



**USA**  
5800 Granite Parkway  
Suite 170  
Plano, TX 75024  
USA

**EUROPE**  
Svärdfiskgatan 4  
432 40 Varberg,  
Halland  
Sweden  
T. +46 340.48 38 00

**CANADA**  
408 Albert Street,  
Waterloo,  
Ontario N2L 3V3,  
Canada  
T. +1 519.880.2600

**ASIA**  
RMZ Ecoworld,  
Building-1, Ground Floor,  
East Wing Devarabeesanahalli,  
Bellandur, Outer Ring Road,  
Bangalore 560103, India  
T. +91 80677.43333

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