High Performance Delivery

SwiftCDN Delivery Appliances (DAs) are high performance delivery servers that enable Network Service Providers to serve a variety of digital content fast, efficiently and securely to audiences using a wide range of devices.

SwiftCDN DAs are designed to be deployed at the edge of the Network Service Provider's core or metro network. SwiftCDN DAs can be the delivery component of a Network Service Provider's licensed CDN (combined with SwiftCDN Content Appliances).

Features

Product features include:

- **Multi-Services**: Network Service Providers can deliver web-acceleration, optimised file-download, VOD and live-streaming
- **Multi-delivery format:** With a single device, Network Service Providers deliver all types of services (web acceleration, large file download, Apple HTTP Live Streaming, Microsoft Smooth Streaming and Adobe HTTP Dynamic Streaming) to desktops, laptops, tablets, SmartPhones, Set-top boxes and TVs.
- **OTT Caching:** The same appliance can also be used to manage the cost of OTT traffic within the network
- **High performance:** High performance software on a SwiftCDN DA ensures that they are able to deliver tens of Gigabits/second of client traffic
- **Seamless integration with global SwiftServe network:** Network Service Providers may extend their SwiftCDN reach through integration with the global SwiftServe network.
- **High Capacity (HC) variants:** Optimised for long-tail traffic patterns, such as large VoD catalogues, or accelerating multiple media-heavy sites with a high performance.

BENEFITS

REVENUE INCREASE

SwiftCDN DAs enable service providers to earn revenue by delivering content on behalf of SwiftServe.

As part of SwiftServe's licensed CDN offering (SwiftCDN),they enable Network Service Providers to create new revenue streams by providing content delivery services for their customers who wish to publish content, or by offering content themselves

OPEX SAVINGS

SwiftCDN provides a very efficient way to deliver multimedia content, reducing the amount of data that needs to be carried across networks, resulting in savings such as on international transit.

CAPEX SAVINGS

Compared to other solutions in the market, SwiftCDN is a very cost effective way of building a CDN capability.

Conversant Solutions (www.conversant.com.sg) helps content publishers and network service providers profit from delivering a better Internet multimedia experience to their customers.

Conversant
Connecting Digital World

Datasheet
Delivery Appliance

Technical Specifications

Model	DA 3100	DA 10100	DA 13100	DA 13100 HC	DA 30100	DA 30100 HC
Processor	Dual Socket Intel® Xeon® Six Core 2.4GHz	Dual Socket Intel® Xeon® Ten Core 2.2GHz	Dual Socket Intel® Xeon® 12 Core 2.2GHz		Dual Socket Intel® Xeon® 8 Core 3.2GHz	
Memory	32GB	64GB	128GB	256GB	256GB	384GB
Redundant System Drives (Hot-plug)	2x 300GB SAS			2x 600GB SAS	2x 600GB SAS	
Dedicated Cache Storage Drives (Hot-plug)	10x 300GB SAS	10x 600GB SAS	20x 600GB SAS	24x 600GB SAS	24x 1.2TB SAS	24x 1.8TB SAS
Embedded NIC Options	Option 1 : 4 x 1000BASE-T Option 2: 2 x 1000BASE-T, 2 x 10GBASE-T Option 3 : 2 x 10GBASE-SR/LR SFP+1 (+ Option of 2x1000BASE-T)		Option 1 : 4 x 1000BASE-T Option 2: 2 x 1000BASE-T, 2 x 10GBASE-SR/LR SFP+1 Option 3 : 2 x 10GBASE-SR/LR SFP+1		2 x 1000BASE-T, 2 x 10GBASE-SR/LR SFP+[1+2]	
Enclosure & Form Factor	19” rack-mountable 2U					
Dimensions (L x W x H)	684.0mm x 444.0mm x 87.3mm - (26.92" x 17.49" x 3.44")					
Weight	32.3kg (71.20lbs)		35.6kg (78.48lbs)		35.6kg (78.48lbs)	
Power Supply	AC: Dual Hot-Plug, Redundant 750W - DC: Dual Hot-Plug, Redundant 1100W					
Input Voltage and Frequency Ranges	AC: 100 – 240VAC, 50/60Hz - DC: -(48-60)VDC					
Power Consumption (Typical)	345W	370W	505W		505W	
Operating temperature	10°C-35°C (50°F to 95°F)					
Relative Humidity	Operating: 20% to 80% Relative Humidity, Non-Condensing - Non-Operating: 5% to 95% Relative Humidity, Non-Condensing					
Altitude Ranges	Operating: -15.2m to 3,048m (-50ft to 10,000ft) - Non-Operating: -15.2m to 10,668m (-50ft to 35,000ft)					

1. SFP+ transeivers are sold separately. 2. More options available on request