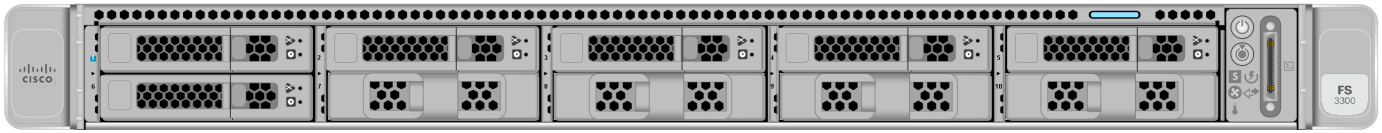
Cisco Secure Network Analytics

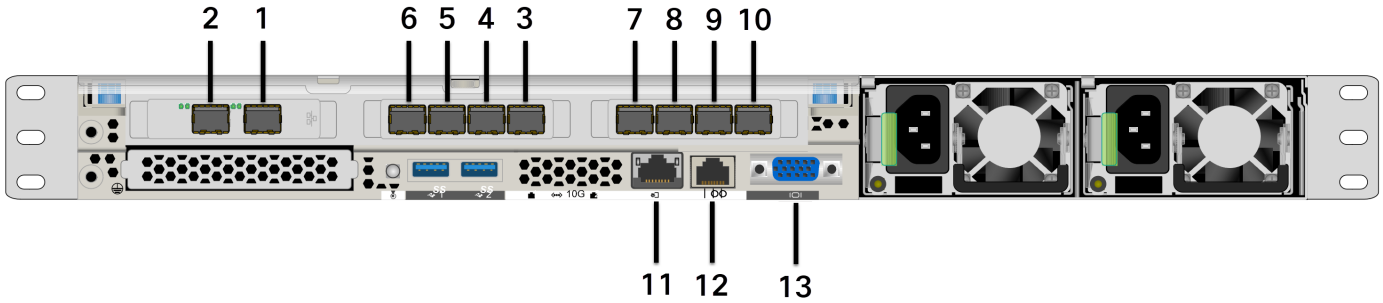
Flow Sensor 3300 Specification Sheet

ST-FS3300-K9 Flow Sensor

Front View



Back View



1	SFP+ (1/10 Gbps) management
2	SFP+ (1/10 Gbps) reserved

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3	SFP+ (1/10Gbps) SFP Monitoring
4	SFP+ (1/10Gbps) SFP Monitoring
5	SFP+ (1/10Gbps) SFP Monitoring
6	SFP+ (1/10Gbps) SFP Monitoring
7	SFP+ (1/10Gbps) SFP Monitoring
8	SFP+ (1/10Gbps) SFP Monitoring
9	SFP+ (1/10Gbps) SFP Monitoring
10	SFP+ (1/10Gbps) SFP Monitoring
11	Base-T (100Mbps/1Gbps) CIMC Management

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12	Serial (115200 8-N-1) Console
13	VGA video port (DB-15 connector)

This appliance has this general configuration. Your model may look slightly different.

Specifications

First Ship Date	June 2023
Final Ship Date	TBD
Product ID (PID)	ST-FS3300-K9
UCS Platform	UCSC-C225-M6SX

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SFP Options (Management)		
SFP	GLC-SX-MMD	1000BASE-SX SFP transceiver module, MMF, 850nm, DOM
	GLC-TE	1000BASE-T SFP transceiver module for Category 5 copper wire
	GLC-LH-SMD	1000BASE-LX/LH SFP transceiver module, MMF/SMF, 1310nm, DOM
SFP+	SFP-10G-SR-S	10GBASE-SR SFP Module, Enterprise-Class
	SFP-10G-LR-S	10GBASE-LR SFP Module, Enterprise-Class
	SFP-H10GB-CU1M	10GBASE-CU SFP+ Cable 1 Meter
	SFP-H10GB-CU2M	10GBASE-CU SFP+ Cable 2 Meter
	SFP-H10GB-CU3M	10GBASE-CU SFP+ Cable 3 Meter
SFP Options (Monitoring)		
SFP	GLC-SX-MMD	1000BASE-SX SFP transceiver module, MMF, 850nm, DOM
	GLC-TE	1000BASE-T SFP transceiver module for Category 5 copper wire
	GLC-LH-SMD	1000BASE-LX/LH SFP transceiver module, MMF/SMF, 1310nm, DOM

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SFP+	SFP-10G-SR-S	10GBASE-SR SFP Module, Enterprise-Class
	SFP-10G-LR-S	10GBASE-LR SFP Module, Enterprise-Class
	SFP-H10GB-CU1M	10GBASE-CU SFP+ Cable 1 Meter
	SFP-H10GB-CU2M	10GBASE-CU SFP+ Cable 2 Meter
	SFP-H10GB-CU3M	10GBASE-CU SFP+ Cable 3 Meter

Network/NIC	**CIMC management port**: • Not required for Flow Sensor operation. • Used for Out of Band Management **Flow Sensor management port**: • Users connect to this port to access the WebUI for management. • This interface is also used to communicate to Flow Collectors. **Monitoring ports**:8 total • Monitoring ports are used to receive SPANned network traffic. • They can be IP Addressed to receive ERSPAN data
Default Profile	https
Rated to Monitor	40 Gbps (4x10G) + 20Gbps (4x5G)* Ports 7-10 (10G), Ports 3-6 (5G)

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Processor	2 x AMD EPYC 7313 16C/32T @ 3.0Ghz or boost 3.7Ghz
Memory	16 x 16 GB DDR4 3200
Storage	6x600GB 10K RPM RAID6 (data), 2@ 240GB Data M.2 RAID1 (OS)
Rack Units	1U
Weight	42 pounds (19 kg)
Dimensions	**Height:** 1.7 inches (4.3 cm) **Width:** 16.9 inches (42.9 cm) **Depth:** 30 inches (76.2 cm)
Power	Redundant [1050 W] AC 50/60. Auto Ranging (100V to 240V) **OR** Redundant [1050 W] DC. Max Input N32 A at -40 VDC. DC Input Voltage (Range: -40 to -72 VDC)
Humidity (Relative)	**Operating:** 10% to 90% **Storage:** 5% to 93%
Altitude	**Operating:** 0 feet to 10,006 feet (0 meters to 3,050 meters) **Storage:** 0 feet to 39,370 feet (0 meters to 12,000 meters)
Heat Dissipation	1398.67 BTU per hour at 50% workload (estimated)
Temperature	**Operating:** 50° F to 95° F (10° C to 35° C) **Storage:** -40° F to 149° F (-40° C to 65° C)

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* These numbers are generated in our test environments using average customer data and at approximately 75% full for host cache and flow cache. There are several factors that may affect your specific performance, such as number of hosts, average size of flows, and more. While we do our best to represent the data as fairly and accurately as possible, your environment may experience different limits.

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