



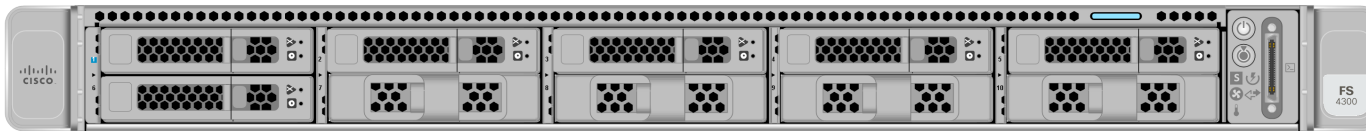
Cisco Secure Network Analytics

Flow Sensor 4300 Specification Sheet

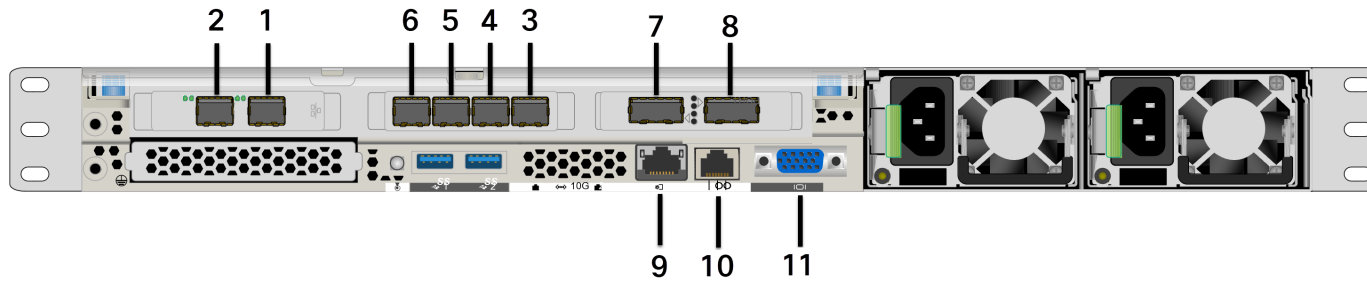


ST-FS4300-K9 Flow Sensor

Front View



Back View



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

4	SFP+ (1/10Gbps) monitoring
5	SFP+ (1/10Gbps) monitoring
6	SFP+ (1/10Gbps) monitoring
7	QSFP+/28 (40/100 Gbps) monitoring
8	QSFP+/28 (40/100 Gbps) monitoring
9	Base-T (100Mbps/1Gbps) CIMC Management
10	Serial (115200 8-N-1) Console
11	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-FS4300-K9
UCS Platform	UCSC-C225-M6SX

SFP Options (Management)		
SFP	GLC-SX-MMD	1000BASE-SX SFP transceiver module, MMF, 850nm, DOM
	GLC-LH-SMD	1000BASE-LX/LH SFP transceiver module, MMF/SMF, 1310nm, DOM
	GLC-TE	1000BASE-T SFP transceiver module for Category 5 copper wire

SFP+	SFP-10G-LR-S	10GBASE-LR SFP Module, Enterprise-Class
	SFP-10G-SR-S	10GBASE-SR 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-LH-SMD	1000BASE-LX/LH SFP transceiver module, MMF/SMF, 1310nm, DOM
	GLC-TE	1000BASE-T SFP transceiver module for Category 5 copper wire
SFP+	SFP-10G-LR-S	10GBASE-LR SFP Module, Enterprise-Class
	SFP-10G-SR-S	10GBASE-SR 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

QSFP	QSFP-40G-SR4-S	40GBASE-SR4 QSFP Trnscvr Module, MPO Conn, Enterprise-Class
	QSFP-40G-LR4-S	QSFP 40GBASE-LR4 Trnscvr Mod, LC, 10km, Enterprise-Class
	QSFP-H40G-CU1M	40GBASE-CR4 Passive Copper Cable, 1m
	QSFP-H40G-CU2M	40GBASE-CR4 Passive Copper Cable, 2m
	QSFP-H40G-CU3M	40GBASE-CR4 Passive Copper Cable, 3m
QSFP+	QSFP-100G-SR4-S	100GBASE SR4 QSFP Transceiver, MPO, 100m over OM4 MMF
	QSFP-100G-CU1M	100GBASE-CR4 Passive Copper Cable, 1m
	QSFP-100G-CU2M	100GBASE-CR4 Passive Copper Cable, 2m
	QSFP-100G-CU3M	100GBASE-CR4 Passive Copper Cable, 3m
	QSFP-100G-SR1.2	100G SR-BiDi QSFP Transceiver, LC, 100m OM4 MMF
	QSFP-100G-FR-S	100GBASE FR QSFP Transceiver, 2km over SMF
	QSFP-100G-LR4	100GBASE LR4 QSFP Transceiver, LC, 10km over SMF

Network/NIC	<p>CIMC management port:</p> <ul style="list-style-type: none"> • Not required for Flow Sensor operation. • Used for Out of Band Management
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	<p>Flow Sensor management port:</p> <ul style="list-style-type: none"> • Users connect to this port to access the WebUI for management. • This interface is also used to communicate to Flow Collectors. <p>Monitoring ports:6 total</p> <ul style="list-style-type: none"> • SFP modules:- Either 1GB Base-SX SFP or 10GB SFP (cannot be mixed speeds). GLC-SX-MMD, SFP-10G-SR-S or SFP-10G-LR-S are supported. The GLC-SX-MMD cannot be used with a SFP-10G-SR or SFP-10G-LR • 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) or 80Gbps (2x40G)* *Port 3-6 (10G), Port 7-8 (40G)
Processor	2 x AMD EPYC 7443 24C/48T@2.85Ghz or 4Ghz boost
Memory	16 x 32 GB DDR4 3200
Storage	6 x 600GB 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	1542.05 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)

* 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.