



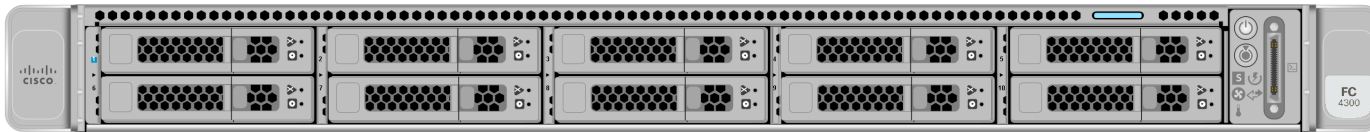
Cisco Secure Network Analytics

Flow Collector 4300 Specification Sheet

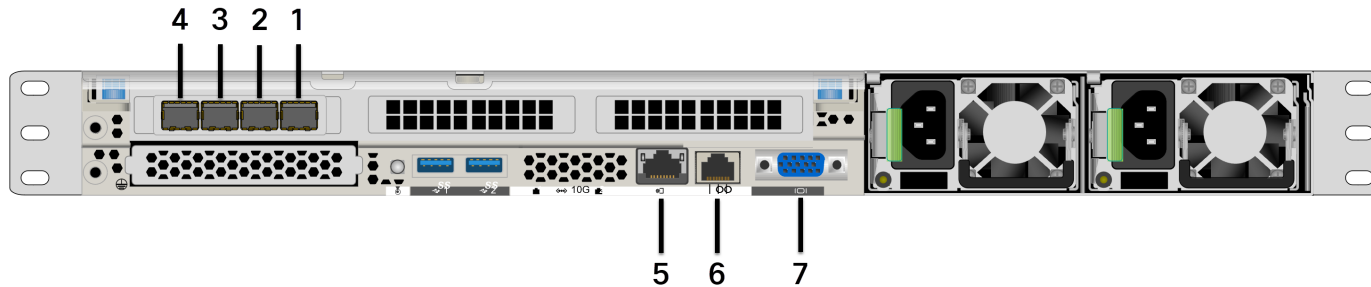


ST-FC4300-K9 Flow Collector

Front View




Back View



1	SFP+ Base-X (1Gbps/10Gbps) SFP Management/Monitoring
2	SFP+ Base-X (1Gbps/10Gbps) Additional Collection
3	SFP+ Base-X (1Gbps/10Gbps) Reserved

4	SFP+ Base-X (1Gbps/10Gbps) Reserved
5	Base-T (100Mbps/1Gbps) CIMC Management
6	Serial (115200 8-N-1) Console
7	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-FC4300-K9
UCS Platform	UCSC-C225-M6SX

SFP Options (Management and Additional Collection)		
SFP	GLC-TE	1000BASE-T SFP transceiver module for Category 5 copper wire
	GLC-SX-MMD	1000BASE-SX SFP transceiver module, MMF, 850nm, DOM
	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
Maximum Flows per Second (FPS) (no Data Store deployed)	360,000 fps*	
Maximum FPS (Data Store deployed)	700,000 fps*	
Network/NIC	CIMC management port: <ul style="list-style-type: none"> • Not required for Flow Collector operation. 	

	<ul style="list-style-type: none"> • Used for Out of Band Management <p>Flow Collector 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 the Cisco Secure Network Analytics Manager or the Data Store and to receive flow data. <p>Additional collection port:</p> <ul style="list-style-type: none"> • This interface is typically used for environments where a second network must be monitored and requires a separate physical interface to receive flow data. • You can configure this port to be a dedicated interface (ingress only) for receiving NetFlow traffic. <p>Reserved ports: 2</p> <ul style="list-style-type: none"> • Version dependent
Maximum Number of Supported Interfaces	Up to 65535
Maximum Number of Supported Exporters	Up to 4096
Processor	2 x AMD EPYC 7453 28C/56T @ 2.75Ghz or 3.45Ghz boost
Memory	16 x 32 GB DDR4 3200
Storage	10x1.2TB 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	1775.51 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.

** The system uses up to 75% of the addressable storage (7.2 TB) for general data storage. Of this, the system reserves 5.4 TB for flow data storage, and 1.8 TB for log information and other system data.