



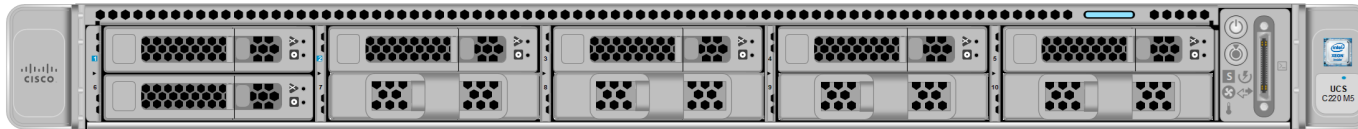
Cisco Secure Network Analytics

Flow Sensor 4240 Specification Sheet

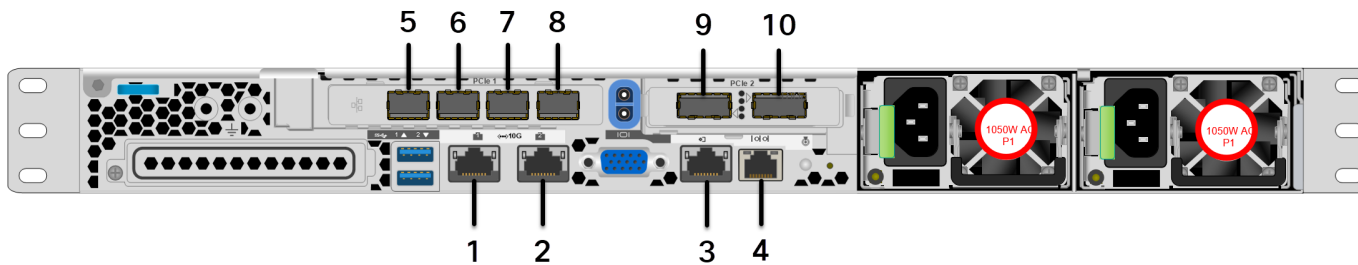


ST-FS4240-K9 Flow Sensor

Front View



Back View



1	Base-T (100 Mbps/1 Gbps/10 Gbps) FS Management (eth0)
2	Reserved
3	Base-T (100Mbps/1Gbps) CIMC Management

4	Serial (115200 8-N-1) Console
5	SFP (10 Gbps) SFP Monitoring (eth2)
6	SFP (10 Gbps) SFP Monitoring (eth3)
7	SFP (10 Gbps) SFP Monitoring (eth4)
8	SFP (10 Gbps) SFP Monitoring (eth5)
9	SFP (40 Gbps) SFP Monitoring (eth6)
10	SFP (40 Gbps) SFP Monitoring (eth7)



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

Specifications

First Ship Date	July 2020
Final Ship Date	Currently Shipping
Product ID (PID)	ST-FS4240-K9
UCS Platform	UCSC-C220-M5SX
Network/NIC	<p>CIMC management port: 1 - 100 Mbps/1 Gbps copper</p> <ul style="list-style-type: none"> • Typically unused, not required for Flow Sensor operation. <p>Flow Sensor management port: 1 - 100 Mbps/1 Gbps/10 Gbps copper</p> <ul style="list-style-type: none"> • eth0 • 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"> • eth2-eth5 - 10 Gbps SFP Fiber (SFP-10G-SR-S or SFP-10G-LR-S) • eth6-eth7 - 40 Fbps QSFP+ Fiber or DAC • Monitoring ports are used to receive SPANned network traffic. • FS 4240 can operate in either 4x10G or 2x40G mode, not both simultaneously. • Monitoring ports cannot be IP Addressed thus cannot receive Flow, Log, or SNMP Trap data.

Rated to Monitor*	40 Gbps - 4x10G SFP, 80 Gbps - 2x40G QSFP+
Processor	2 @ 3.1 GHz Intel 6254/200W 18C/24.75MB Cache/DDR4 2933MHz
Memory	32 GB DDR4 (12x) - 384 GB total
Storage	600 GB HDD (6x) - 2.4 TB total RAID 6
RAID Cache	2 GB
Rack Units	1U
Weight	37.9 pounds (17.2 kg)
Dimensions	<p>Height: 1.7 inches (4.3 cm)</p> <p>Width: 16.9 inches (42.9 cm)</p> <p>Depth: 29.8 inches (75.8 cm)</p>
Power	Redundant 1050W AC 50/60 Auto Ranging (100v to 240V)
Humidity (Relative)	<p>Operating: 10% to 90%</p> <p>Storage: 5% to 93%</p>
Altitude	<p>Operating: 0 feet to 10,000 feet (0 meters to 3,048 meters)</p> <p>Storage: 0 feet to 40,000 feet (0 meters to 12,192 meters)</p>

Heat Dissipation	1282.64 BTU per hour maximum (estimated)
Temperature	Operating: 41° F to 95° F (5° C to 35° C) Derate the maximum temperature by 1° C for every 305 meters of altitude above sea level. Storage: -40° F to 149° F (-40° C to 65° C)

* These numbers are generated in our test environments using average customer data. There are several factors that may affect your specific performance, such as traffic type, average size of packets, and more. While we do our best to represent the data as fairly and accurately as possible, your environment may experience different limits.