



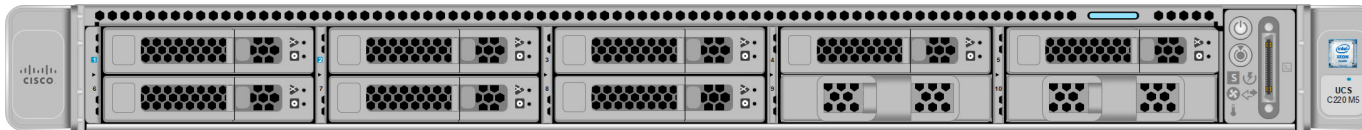
# Cisco Secure Network Analytics

Flow Collector 4210 Specification Sheet

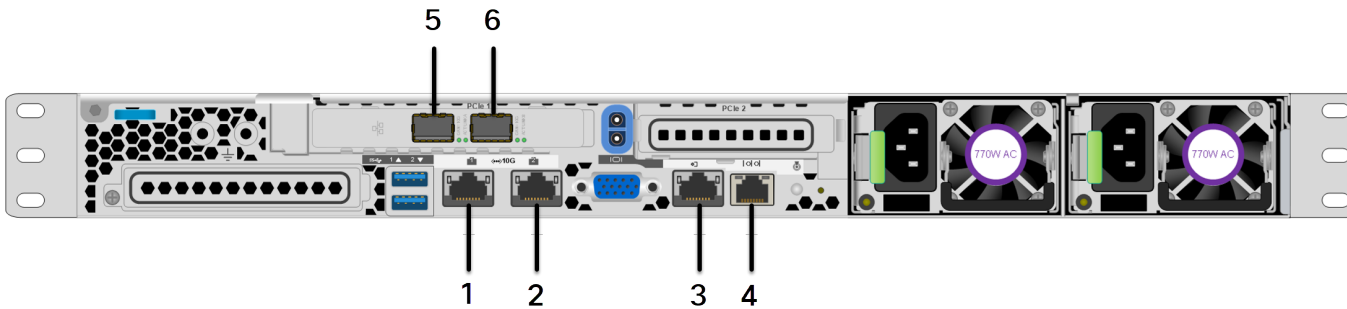


# ST-FC4210-K9 Flow Collector

## Front View




## Back View



1	Base-T (100Mbps/1Gbps/10Gbps) FC Management and Primary Collection (eth0)
2	Base-T (100Mbps/1Gbps/10Gbps) Additional Collection (eth 1)

3	Base-T (100Mbps/1Gbps) CIMC Management
4	Serial (115200 8-N-1) Console
5	SFP+ 10 Base-X (10 Gbps) (optional) FC Management for Data Store deployment only and Primary Collection (eth0)
6	SFP+ 10 Base-X (10 Gbps) reserved

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

## Specifications

First Ship Date	March 2019
Final Ship Date	Currently Shipping
Product ID (PID)	ST-FC4210-K9
UCS Platform	UCSC-C220-M5SX

Maximum Flows per Second (fps) (no Data Store deployed)	200,000 fps*
Maximum fps (Data Store deployed)	500,000 fps*
Network/NIC	<p><b>CIMC management port:</b></p> <ul style="list-style-type: none"> <li>• Not required for Flow Collector operation.</li> </ul> <p><b>Flow Collector management port:</b></p> <ul style="list-style-type: none"> <li>• Users connect to this port to access the WebUI for management.</li> <li>• This interface is also used to communicate to the Cisco Secure Network Analytics Manager or the Data Store and to receive flow data.</li> <li>• Users deploying a Data Store can configure a 10 Gbps SFP+ DAC interface as eth0 for increased throughput. Users not deploying a Data Store can only configure the 100Mbps/1Gbps/10Gbps copper interface as eth0.</li> </ul> <p><b>Additional collection port:</b></p> <ul style="list-style-type: none"> <li>• This interface is typically used for environments where a second network must be monitored and requires a separate physical interface to receive flow data.</li> <li>• You can configure this port to be a dedicated interface (ingress only) for receiving NetFlow traffic.</li> </ul> <p><b>Reserved ports: 2</b></p> <ul style="list-style-type: none"> <li>• Version dependent</li> </ul>

Maximum Number of Supported Interfaces	Up to 65535
Maximum Number of Supported Exporters	Up to 4096
Processor	<p><b>Before January 2021:</b> 2x Intel Xeon Scalable Gen 1 Gold 6130 = 2.1GHz x 16 cores /w/ 22MB L3 Cache (Total of 2.1GHz x 32 cores/64 Threads)</p> <p><b>After January 2021:</b> 2x Intel Xeon Scalable Gen 2 Gold 6230 = 2.1GHz x 20 cores /w/ 27.5MB L3 Cache (Total of 2.1GHz x 40 cores/80 Threads)</p>
Memory	32 GB DDR4 (16x) - 512GB total
Flow Storage	4 TB
Addressable Storage	8x1.2TB RAID6 (7.2TB)**
RAID Cache	4 GB
Rack Units	1U
Weight	37.9 pounds (17.2 kg)
Dimensions	<p><b>Height:</b> 1.7 inches (4.3 cm)</p> <p><b>Width:</b> 16.9 inches (42.9 cm)</p> <p><b>Depth:</b> 29.8 inches (75.8 cm)</p>
Power	Redundant 770W AC 50/60

	<p>Auto Ranging (100v to 240V)</p> <p>AC input voltage: Nominal range 100-120 VAC, 200-240 VAC</p> <p>AC input frequency: Nominal range 50 to 60Hz (range: 47-63Hz)</p> <p>Maximum AC input current: 9.5A at 100 VAC, 4.5A at 208 VAC</p> <p>Power supply output voltage: 12 VDC</p>
Humidity (Relative)	<p><b>Operating:</b> 10% to 90%</p> <p><b>Storage:</b> 5% to 93%</p>
Altitude	<p><b>Operating:</b> 0 feet to 10,000 feet (0 meters to 3,048 meters)</p> <p><b>Storage:</b> 0 feet to 40,000 feet (0 meters to 12,192 meters)</p>
Heat Dissipation	1741.13 BTU per hour maximum (estimated)
Temperature	<p><b>Operating:</b> 41° F to 95° F (5° C to 35° C)</p> <p>Derate the maximum temperature by 1° C for every 305 meters of altitude above sea level.</p> <p><b>Storage:</b> -40° F to 149° F (-40° C to 65° C)</p>

\* 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 (5.4 TB) for general data storage. Of this, the system reserves 4 TB for flow data storage, and 1.4 TB for log information and other system data.