

Stealthwatch Flow Collector 5020 Engine & Database

First Ship Date: 2/2016

Final Ship Date: Currently Shipping

This specification sheet includes both appliances used for the Stealthwatch FlowCollector 5020. (Your models may look slightly different.) The FlowCollector 5020 engine (on this page) is connected to the database (on page 3) by a crossover (copper network) cable with SFP+ connections that is supplied with the appliances. For installation information, see the *Stealthwatch System Hardware Installation Guide v6.x*.

Front View



Back View



1. Engine to database cross connect port
2. CIMC management port
3. Stealthwatch management port
4. Monitoring port: 1

Specifications

UCS Platform	UCSC-C220-M4S (1RU)
Maximum Flows per Second (fps)	240,000 *
Network/NIC	<p>Engine to database cross connect port: 1; 10 GB SFP+ fiber DA Cross Connect</p> <p>CIMC management port:1 ; 100/1000 copper</p> <p>Stealthwatch management port: 1; 100/1000 copper</p> <p>Monitoring port: 1; 100/1000 copper</p> <p>Note: You can configure a monitoring port to be a dedicated interface (ingress only) for receiving NetFlow traffic.</p>

Processor	2.40 GHz E5-2680 v3
Memory	16 GB DDR4 (16x) - 256 GB total
Storage	300 GB HDD (8x) - 1.2TB total RAID6
RAID Cache	2 GB
Rack Units	1U
Weight	37.9 pounds (17.2 kg)
Dimensions	Height: 1.7 inches (4.3 cm) Width: 16.9 inches (42.9 cm) Depth: 29.8 inches (75.8 cm)
Power	Redundant 770W AC input voltage: Nominal range 100-127 VAC, 200-240 VAC AC input frequency: Nominal range 50 to 60 Hz Max AC input current: 9.5 A at 100 VAC, 4.5 A at 208 VAC
Humidity (Relative)	Operating: 10% to 90% Storage: 5% to 93%
Altitude	Operating: 0 feet to 10,000 feet (0 meters to 3,048 meters) Storage: 0 feet to 40,000 feet (0 meters to 12,192 meters)
Heat Dissipation	1816.63 BTU per hour maximum
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 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.

Flow Collector 5020 Database

Front



Back



1. Engine to database cross connect port
2. CIMC management port
3. Stealthwatch management port

Specifications

UCS Platform	UCSC-C240-M4S2 (2 RU)
NIC	Engine to database cross connect port: 1; 10 GB SFP+ fiber DA Cross Connect CIMC management port:1 ; 100/1000 copper Stealthwatch management port: 1; 100/1000 copper
Processor	2.30 GHz E5-2695 v3
Memory	32 GB DDR4 (16x) - 512GB total
Flow Storage	6.0 TB, RAID10
Addressable Storage	9.6 TB
RAID Cache	4 GB
Rack Units	2U

Weight	58.9 pounds (27.7 kg)
Dimensions	Height: 3.43 inches (8.7 cm) Width: 18.96 inches (44.8 cm) with rack latches; 17.65 in. (44.8 cm) without rack latches Depth: 30.18 inches (76.6 cm) with handles; 29.0 in. (73.8 cm) without handles
Network	Management Port: 2; 10/100/1000 copper CIMC Management Port: 10 GB SFP+ Uplink to engine node
Power	Redundant 1200W AC input voltage: Nominal range 100-120 VAC, 200-240 VAC AC input frequency: Nominal range 50 to 60 Hz Max AC input current: 11A at 100 VAC, 7A at 200 VAC
Humidity (Relative)	Operating: 10% to 90% Storage: 5% to 93%
Altitude	Operating: 0 feet to 10,000 feet (0 meters to 3,048 meters) Storage: 0 feet to 40,000 feet (0 meters to 12,192 meters)
Heat Dissipation	2492.78 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)

