



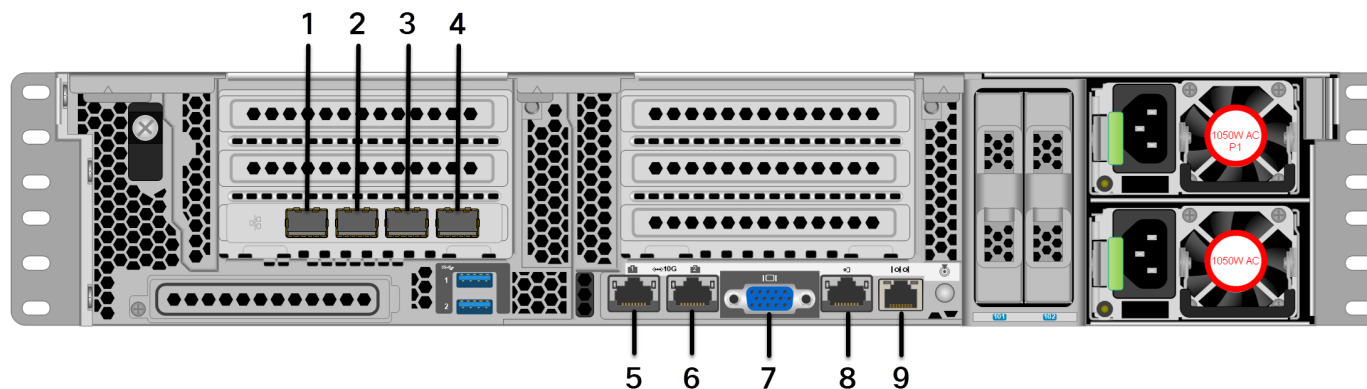
Cisco Secure Network Analytics

Data Store 6200 Specification Sheet




ST-DS6200-K9 Data Store

Back View - Data Node Chassis



	SFP+ Only Configuration	Mix of Copper and RJ45 Configuration
1	SFP+ (10Gbps) Ingest, Management, and Query (eth0 - management)	SFP+ (10Gbps) Inter-Data Node communications (eth4 - required)
2	SFP+ (10Gbps) Data Node Communications (eth1 - reserved)	SFP+ (10Gbps) Inter-Data Node communications (eth5 - optional aggregation link)
3	SFP+ (10Gbps) Inter-Data Node communications (eth2 - required)	SFP+ (10Gbps) Data Node Communications (eth2 - reserved)

4	SFP+ (10Gbps) Inter-Data Node communications (eth3 - optional aggregation link)	SFP+ (10Gbps) Data Node Communications (eth3 - reserved)
5	BASE-T (100Mbps/1Gbps/10Gbps) (eth4 - reserved)	BASE-T (100Mbps/1Gbps/10Gbps) Ingest, Management, and Query (eth0 - management)
6	BASE-T (100Mbps/1Gbps/10Gbps) (eth5 - reserved)	BASE-T (100Mbps/1Gbps/10Gbps) (eth1 - reserved)
7	VGA video port (DB-15 connector)	VGA video port (DB-15 connector)
8	CIMC Management (100 Mbps/1Gbps)	CIMC Management (100 Mbps/1Gbps)
9	Serial Console (115200 8-N-1)	Serial Console (115200 8-N-1)

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

Specifications

First Ship Date	October 2020
Final Ship Date	Currently Shipping
Product ID (PID)	ST-DS6200-K9
Data Node PID	ST-DNODE-G1
Included Hardware	A DS 6200 is comprised of 3 Data Nodes, each its own separate hardware chassis. The following specifications apply per Data Node hardware chassis, unless otherwise noted.
UCS Platform	UCSC-C240-M5SX
Maximum Flows per Second (fps)	500,000 fps per DS 6200*
Maximum Data Retention period	90 days at 500,000 fps per DS 6200*

Network/NIC	<p>CIMC management port: 1 - 100Mbps/1Gbps copper</p> <ul style="list-style-type: none"> Typically unused, not required for Data Node operation. <p>Data Node ingest/management/query port: 1 - 10Gbps fiber (default) or 100Mbps/1Gbps/10Gbps copper (optional)</p> <ul style="list-style-type: none"> This interface is used to receive flow data from Flow Collectors to communicate with the Cisco Secure Network Analytics Manager (formerly Stealthwatch Management Console), and to return query results to the Cisco Secure Network Analytics Manager. <p>inter-Data Node communications port: 2 - 10Gbps fiber</p> <ul style="list-style-type: none"> These interfaces are used for communication with other Data Nodes as part of the Data Store Vertica database cluster. Minimally one inter-Data Node interface is required. Optionally a second inter-Data Node interface can be aggregated with the first to support redundant switch solutions. <p>Reserved ports:</p> <ul style="list-style-type: none"> Ports are unused and unsupported.
Processor	2 @ Intel 3.3GHz 6246/165W 12C/24.75MB DCP DDR4 2TB 2933 MHz
Memory	32 GB DDR4 (12x)
Data Storage	15.8 TB, after RAID 6 and system reservation
RAID Cache	4 GB

Rack Units	2RU
Weight	45.5 pounds (20.6 kg)
Dimensions	Height: 3.4 inches (8.64 cm) Width: 16.9 inches (42.9 cm) Depth: 29.5 inches (74.03 cm)
Power	Redundant [770W or 1050 W] AC 50/60 Auto Ranging (100V to 240V)
Humidity (Relative)	Operating: 8% 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	1741.13 BTU per hour maximum (estimated)
Temperature	Operating: 50° F to 95° F (10° 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.