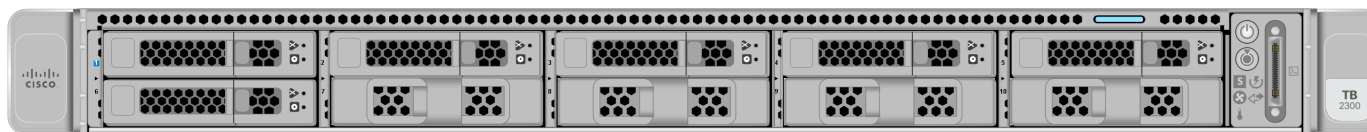# Cisco Telemetry Broker

Broker Node TB2300 Specification Sheet
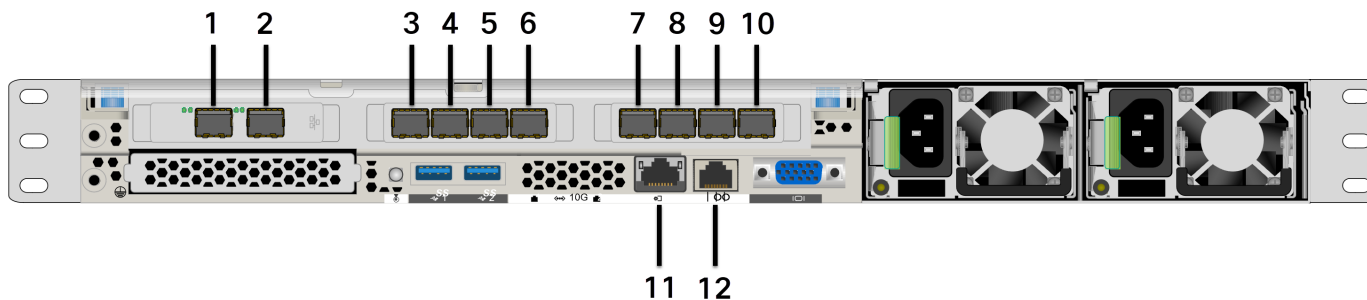
Broker Node TB2300

Front View

Back View

1	SFP+ (1/10 Gbps) Management port
2	Reserved
3	SFP+ (1/10 Gbps) Telemetry port

4	Reserved
5	Reserved
6	Reserved
7	Reserved
8	Reserved
9	Reserved
10	Reserved
11	Base-T (100 Mbps/1 Gbps) CIMC Management port
12	Serial (115200 8-N-1) Console port

> ℹ 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-TB2300-K9
UCS Platform	UCSC-C225-M6SX

SFP Options (Management)		
SFP	GLC-SX-MMD	1000BASE-SX SFP transceiver module, MMF, 850nm, DOM
	GLC-TE	1000BASE-T SFP transceiver module for Category 5 copper wire
	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
SFP Options (Monitoring)		

SFP	GLC-SX-MMD	1000BASE-SX SFP transceiver module, MMF, 850nm, DOM
	GLC-TE	1000BASE-T SFP transceiver module for Category 5 copper wire
	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

Network/NIC	**CIMC management port**: • Not required for Cisco Telemetry Broker node operation. **Management port**: • This interface is used to communicate with the Cisco Telemetry Broker Manager and for retrieval of AWS or Azure flow logs (if configured). **Telemetry port**: • The telemetry port is used for routing telemetry traffic. **Monitor port**:

	- Is optional. - Is used for ingesting raw traffic. - For instructions, refer to "Configure Monitoring Interface and Flow Generator Input" in the [Cisco Telemetry Broker Virtual Appliance Deployment and Configuration Guide](#). - You can repurpose one of the reserved interfaces as a monitor port.
Rated to Monitor	- 10 Gbps of telemetry traffic on the telemetry port - 10 Gbps of raw traffic on the monitor port
Processor	2 x Processor AMD EPYC 7313 16C/32T @ 3.0Ghz or boost 3.7Ghz
Memory	16 x 16 GB DDR4 3200
Storage	6 x 600GB 10K RPM RAID6 (data), 2 x 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	1398.67 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)

Contact Support

If you need technical support, please do one of the following:

- Contact your local Cisco Telemetry Broker Partner
- Contact Cisco Telemetry Broker Support
- To open a case by web: http://www.cisco.com/c/en/us/support/index.html
- To open a case by email: tac@cisco.com
- For phone support: 1-800-553-2447 (U.S.)
- For worldwide support numbers: https://www.cisco.com/c/en/us/support/web/tsd-cisco-worldwide-contacts.html

Change History

Document Version	Published Date	Description
1_0	April 2023	Initial Version.
1_1	July 2023	Added second option for Power.
1_2	June 2024	Added flow generator functionality per v2.1.3.

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