ES1D2H02QX2S (03031YFE)

Datasheet

Overview

The ES1D2H02QX2S provides two 40GE optical ports and two 100GE optical ports for data transmission and switching.

Quick Specification
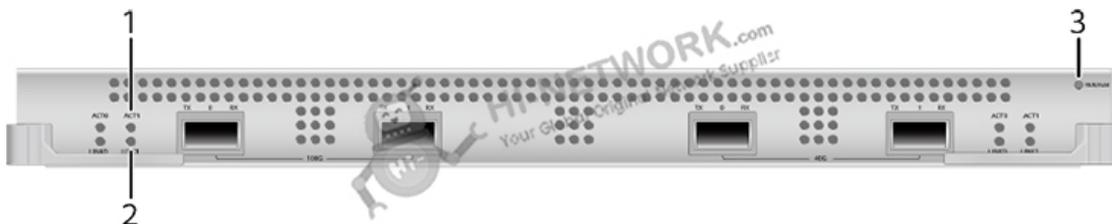
Table 1 shows the quick specification.

Model	ES1D2H02QX2S
Part Number	03031YFE
Description	2-Port 100GE QSFP28 Interface and 2-Port 40GE QSFP+ Interface Card (X2S, QSFP28)
Dimensions without packaging (H x W x D) [mm(in.)]	35.1 mm x 397.2 mm x 430.4 mm (1.38 in. x 15.64 in. x 16.95 in.)
Weight without packaging [kg(lb)]	3.05
Typical power consumption [W]	115.2
Memory	1 GB
Basic functions	Provides two 40GE optical ports and two 100GE optical ports for data transmission and switching.
Distributed forwarding	Performs concurrent data forwarding using a distributed data plane.
Hot swapping	Supported

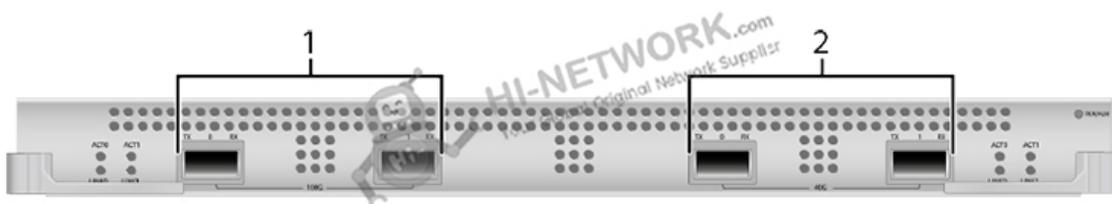**Figure 1 shows the appearance of ES1D2H02QX2S.**

Product Details

Figure 2 show the indicators on the ES1D2H02QX2S panel.

Note:

Number	Indicator	Color	Description
(1)	ACT	Yellow	Blinking: The port is transmitting and receiving data.
(2)	LINK	Green	Steady on: A link has been established on the port.
(3)	RUN/ALM: running status indicator	Green	Steady on: The card is powered on. If the indicator is steady green for no more than 30 seconds, the CPU is being started. If the indicator is steady green for more than 30 seconds, the software is not running. Slow blinking: The card software is running properly. Fast blinking: The card software is starting.
		Red	Steady on: The card has failed and the fault requires manual intervention.
		Yellow	Steady on: The card is powered off. (For example, the card has been forcibly powered off using the power off command or is about to start.)

Figure 3 show the ports on the ES1D2H02QX2S panel.

Note:

(1)	Two 100GE optical ports to transmit and receive service traffic at 40 Gbit/s or 100 Gbit/s
(2)	Two 40GE BASE-X optical ports to transmit and receive service traffic at 40 Gbit/s

Get more information

Do you have any question about the ES1D2H02QX2S (03031YFE)?

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Specification

ES1D2H02QX2S Specification	
Basic Information	
Model	ES1D2H02QX2S
Part Number	03031YFE
Description	2-Port 100GE QSFP28 Interface and 2-Port 40GE QSFP+ Interface Card (X2S, QSFP28)
Level-1 category	Interface card
Technical Specifications	
Dimensions without packaging (H x W x D) [mm(in.)]	35.1 mm x 397.2 mm x 430.4 mm (1.38 in. x 15.64 in. x 16.95 in.)
Weight without packaging [kg(lb)]	3.05
Typical power consumption [W]	115.2
Typical heat dissipation [BTU/hour]	393.07
Maximum power consumption [W]	143.5
Maximum heat dissipation [BTU/hour]	489.64
Memory	1 GB

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