

# 8 Cards

8.1 HSIC-X08S000 (HSIC-X08S000 (Interface card with 8\*10GE SFP+ ports or 4\*25GE SFP28 ports (only ports 1 to 4 support 25GE)))

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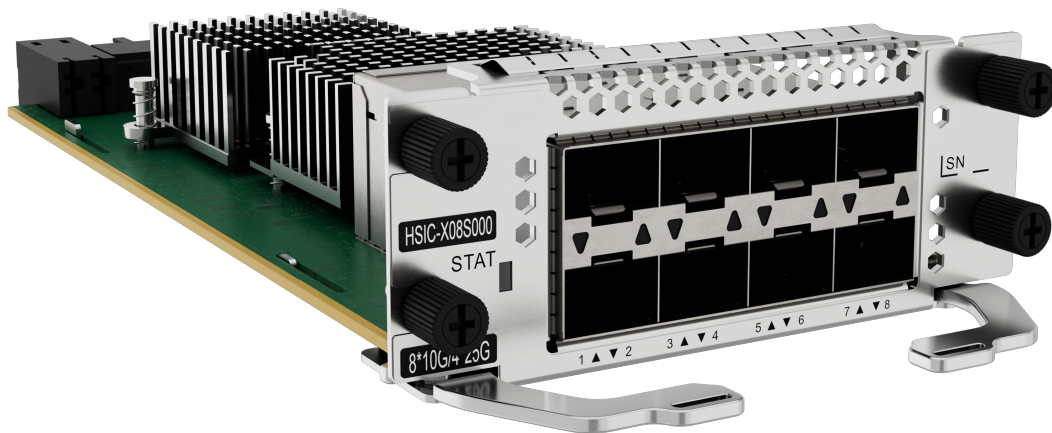
### Overview

**Table 8-1** Basic information about the HSIC-X08S000

Item	Details
Description	HSIC-X08S000 (Interface card with 8*10GE SFP+ ports or 4*25GE SFP28 ports (only ports 1 to 4 support 25GE))
Part Number	02314VYH
Model	HSIC-X08S000
Card Type	Flexible card

## Appearance

Figure 8-1 Appearance of the HSIC-X08S000



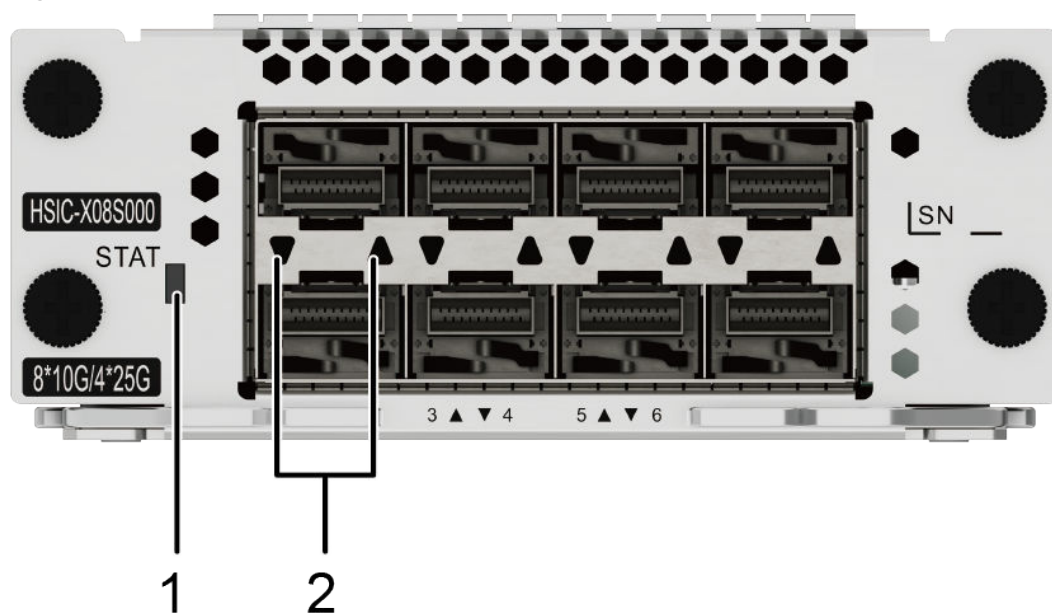
## Version Mapping

Table 8-2 Mappings between HSIC-X08S000 and product models

Product	Product Model	First Supported Version	Limitations
S620	S620-24T16X8Y2C Z (98012536)	V600R024C00	-

## Indicators

Figure 8-2 Indicators on the HSIC-X08S000



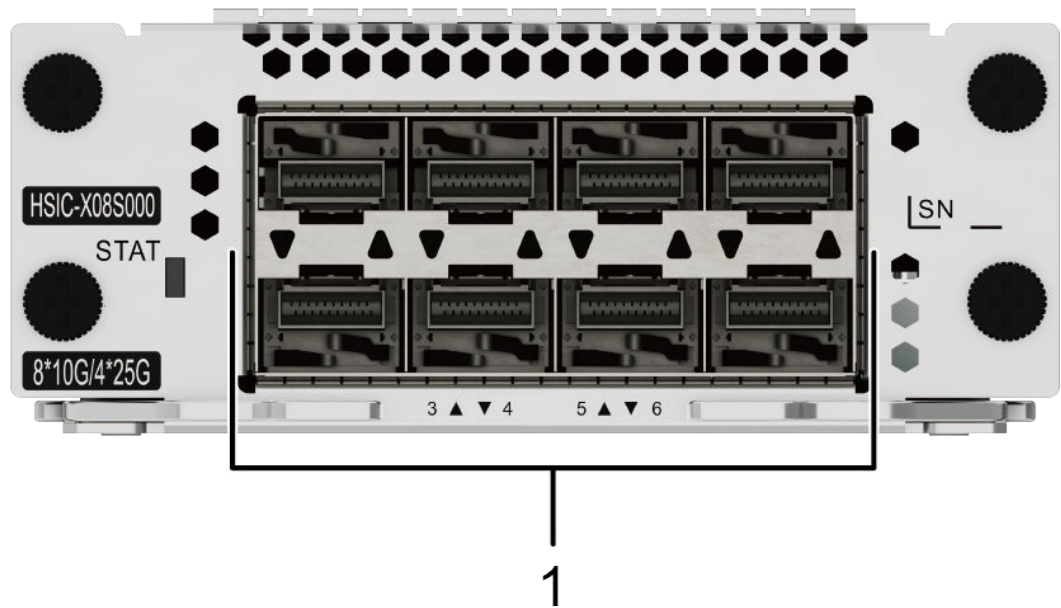
1. STAT: running status indicator	2. LINK/ACT indicators of ports
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**Table 8-3** Indicators on the HSIC-X08S000

Silkscreen	Name	Color	Status	Description
STAT	Card status indicator	Green	Off	The system software is not running.
		Green	Fast blinking	The system is starting.
		Green	Slow blinking	The system is running properly.
		Red	Steady on	A fault that affects services has occurred. The fault cannot be rectified automatically and requires manual intervention.
-	Service port indicator	Green	Steady on	A link is established on the port.
		Green	Blinking	The port is sending or receiving data.
		Green	Off	No link is established on the port.

## Ports

**Figure 8-3** Ports on the HSIC-X08S000



1. Eight 10GE SFP+ or four 25GE SFP28 optical ports

**Table 8-4** Ports on the HSIC-X08S000

Port	Connector Type	Description	Available Components
10GE SFP+ optical port	SFP+	<p>The 10GE SFP+ optical port supports GE/10GE. When a GE optical module or copper module is connected to a 10GE SFP+ optical port, the port can automatically adjust its rate to 1 Gbit/s.</p> <p>You can run the port combination-mode card command to change the port mode. After this command is configured, the first four ports are 10GE/25GE SFP28 optical ports, and the last four ports become unavailable.</p> <p>When a 10GE optical module, copper module or cable is connected to a 25GE SFP28 optical port, the port can automatically adjust its rate to 10 Gbit/s.</p>	<ul style="list-style-type: none"> <li>• <b>GE eSFP optical modules</b></li> <li>• <b>GE-CWDM eSFP optical modules</b></li> <li>• <b>GE-DWDM eSFP optical modules</b></li> <li>• <b>GE SFP copper module</b></li> <li>• <b>10GE SFP+ optical modules</b></li> <li>• <b>10GE-CWDM SFP+ optical modules</b></li> <li>• <b>10GE-DWDM SFP+ optical modules</b></li> <li>• <b>10GE SFP+ copper module</b></li> <li>• <b>1 m, 3 m, 5 m, and 10 m SFP+ high-speed copper cables</b></li> <li>• <b>10 m SFP+ AOC cables</b></li> <li>• <b>0.5 m and 1.5 m SFP+ dedicated stack cables (only for zero-configuration stacking)</b></li> <li>• <b>25GE SFP28 optical modules</b></li> <li>• <b>1 m, 3 m, and 5 m SFP28 high-speed copper cables</b></li> <li>• <b>3 m, 5 m, 7 m, and 10 m</b></li> </ul>

Port	Connector Type	Description	Available Components
			SFP28 AOC cables

## Functions and Features

**Table 8-5** Functions and features of the HSIC-X08S000

Functions and Features	Description
Basic function	Provides eight GE/10GE SFP+ optical ports for data access and line-rate switching by default. You can run the port combination-mode card command to change the port mode. After this command is configured, the first 4 ports are 10GE/25GE ports and the last 4 ports become unavailable.
Hot swapping	Supported
Service port stacking	Supported

## Technical Specifications

**Table 8-6** Technical specifications of the HSIC-X08S000

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	39.1 mm x 100.1 mm x 220 mm (1.54 in. x 3.94 in. x 8.66 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	80 mm x 160 mm x 305 mm (3.15 in. x 6.30 in. x 12.01 in.)
Weight without packaging [kg(lb)]	0.44 kg (0.97 lb)
Maximum power consumption [W]	38.5 W
Maximum heat dissipation [BTU/hour]	131.37 BTU/hour