

# HPE FlexNetwork 7500 16-port 1/10GbE SFP+ SF Module - LSQM2TGS16SF0 (JH214A, JH222A)

## 1 Card identifier

The card identifier LSQM2TGS16SF0 is at the upper right of the front panel.

## 2 Specifications



### IMPORTANT:

Before installing the card, you must remove the protection cover from the card.

**Table 1 Card specifications**

Item	Specifications
Card size (H x W x D)	40 x 399 x 352 mm (1.57 x 15.71 x 13.86 in)
Power consumption	52 W to 75 W
Ports	16 x 10GBASE-R-SFP+ fiber ports
Connector type	LC
Port speed	10.3125 Gbps
Transmission medium and max transmission distance	10GBASE-R-SFP+ fiber port: see <a href="#">Table 2</a> , <a href="#">Table 3</a> , and <a href="#">Table 4</a>
Net weight	3.05 kg (6.72 lb)
Applicable hardware platforms	All 7500 models.

### NOTE:

To verify compatibility of the card with the software release you are using, see the release notes.

[Table 2](#) describes the SFP transceiver modules available for the SFP+ ports on the card

**Table 2 SFP transceiver module specifications**

Product code	Description	Central wavelength	Connector type	Cable specifications	Maximum transmission distance
JD089B	HPE X120 1G SFP RJ45 T Transceiver	N/A	RJ-45	Category-5 twisted pair cable	100 m (0.06 miles)
JD118B	HPE X120 1G SFP LC SX Transceiver	850 nm	LC	50/125 $\mu$ m multi-mode optical fiber	550 m (0.34 miles)
JD118B	HPE X120 1G SFP LC SX Transceiver	850 nm	LC	62.5/125 $\mu$ m multi-mode optical fiber	275 m (0.17 miles)
JD119B	HPE X120 1G SFP LC LX Transceiver	1310 nm	LC	9/125 $\mu$ m single-mode optical fiber	10 km (6.21 miles)

Product code	Description	Central wavelength	Connector type	Cable specifications	Maximum transmission distance
JD119B	HPE X120 1G SFP LC LX Transceiver	1310 nm	LC	50/125 $\mu$ m multi-mode optical fiber	550 m (1804.46 ft)
JD119B	HPE X120 1G SFP LC LX Transceiver	1310 nm	LC	62.5/125 $\mu$ m multi-mode optical fiber	550 m (1804.46 ft)
JD061A	HPE X125 1G SFP LC LH40 1310nm Transceiver	1310 nm	LC	9/125 $\mu$ m single-mode optical fiber	40 km (24.86 miles)
JD062A	HPE X120 1G SFP LC LH40 1550nm Transceiver	1550 nm	LC	9/125 $\mu$ m single-mode optical fiber	40 km (24.86 miles)
JD063B	HPE X125 1G SFP LC LH70 Transceiver	1550 nm	LC	9/125 $\mu$ m single-mode optical fiber	70 km (43.50 miles)
JD103A	HPE X120 1G SFP LC LH100 Transceiver	1550 nm	LC	9/125 $\mu$ m single-mode optical fiber	100 km (62.14 miles)
JD098B	HPE X120 1G SFP LC BX 10-U Transceiver	RX: 1490 nm TX: 1310 nm	LC	9/125 $\mu$ m single-mode optical fiber	10 km (6.21 miles)
JD099B	HPE X120 1G SFP LC BX 10-D Transceiver	RX: 1310 nm TX: 1490 nm	LC	9/125 $\mu$ m single-mode optical fiber	10 km (6.21 miles)

**NOTE:**

BIDI modules must be used in pairs. If a JD098B is used at one end, a JD099B must be used at the other end.

Table 3 describes the SFP+ transceiver modules available for the SFP+ ports on the card.

**Table 3 SFP+ transceiver module specifications**

Product code	Description	Central wavelength	Connector type	Cable specifications	Maximum transmission distance
JD092B	HPE X130 10G SFP+ LC SR Transceiver	850 nm	LC	50/125 $\mu$ m multi-mode optical fiber	300 m (984.25 ft)
JD092B	HPE X130 10G SFP+ LC SR Transceiver	850 nm	LC	50/125 $\mu$ m multi-mode optical fiber	82 m (269.03 ft)
JD092B	HPE X130 10G SFP+ LC SR Transceiver	850 nm	LC	50/125 $\mu$ m multi-mode optical fiber	66 m (216.54 ft)
JD092B	HPE X130 10G SFP+ LC SR Transceiver	850 nm	LC	62.5/125 $\mu$ m multi-mode optical fiber	33 m (108.27 ft)
JD092B	HPE X130 10G SFP+ LC SR Transceiver	850 nm	LC	62.5/125 $\mu$ m multi-mode optical fiber	26 m (85.30 ft)

Product code	Description	Central wavelength	Connector type	Cable specifications	Maximum transmission distance
JD094B	HPE X130 10G SFP+ LC LR Transceiver	1310 nm	LC	9/125 µm single-mode optical fiber	10 km (6.21 miles)
JG234A	HPE X130 10G SFP+ LC LH 40km Transceiver	1310 nm	LC	9/125 µm single-mode optical fiber	40 km (24.86 miles)
JG915A	HPE X130 10G SFP+ LC LH 80km Transceiver	1550 nm	LC	9/125 µm single-mode optical fiber	80 km (49.71 miles)

Table 4 describes the SFP+ DAC cables available for the SFP+ ports on the card.

**Table 4 SFP+ DAC cable specifications**

Product code	Description	Connector	Length
JD095C	HPE X240 10G SFP+ SFP+ 0.65m DA Cable	SFP+	0.65 m (2.13 ft.)
JD096B	HPE X240 10G SFP+ SFP+ 1.2m DA Cable	SFP+	1.2 m (3.94 ft)
JD096C	HPE X240 10G SFP+ SFP+ 1.2m DA Cable	SFP+	1.2 m (3.94 ft)
JD097B	HPE X240 10G SFP+ SFP+ 3m DA Cable	SFP+	3 m (9.84 ft)
JD097C	HPE X240 10G SFP+ SFP+ 3m DA Cable	SFP+	3 m (9.84 ft)
JG081C	HPE X240 SFP+ SFP+ 5m DAC Cable	SFP+	5 m (16.40 ft.)
JC784C	HPE X240 10G SFP+ SFP+ 7m DAC Cable	SFP+	7 m (22.97 ft.)

### 3 Obtaining documentation

For card installation, see *HPE FlexNetwork 7500 Switch Series Installation Guide*.

For software upgrade, see *HPE FlexNetwork 7500 Switch Series Software Upgrade Guide*.

To access documentation and support services, go to the Hewlett Packard Enterprise Support Center website:

[www.hpe.com/support/hpesc](http://www.hpe.com/support/hpesc)



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