

16-port 1000BASE-X /100Base-FX-SFP + 8-port Combo Ethernet Card-LSQ1GP24TEB0

1 Card identifier

The mark LSQ1GP24TEB0 is printed at the upper right corner of the front panel, and is used to identify the card.

2 Specifications

Table 1 LSQ1GP24TEB0 specifications

Item	LSQ1GP24TEB0
Connector	<ul style="list-style-type: none"> • LC • RJ-45
Port quantity	<ul style="list-style-type: none"> • Sixteen 1000Base-X-SFP/100Base-FX-SFP Ethernet ports • Eight combo ports (Each composed of a 10/100/1000Base-T Gigabit Ethernet port and an SFP port, which cannot be simultaneously used; for combo port mapping relations, see Table 2)
Interface transmission speed	<ul style="list-style-type: none"> • 1000Base-X-SFP/100Base-FX-SFP Ethernet ports: 100/1000 Mbps • 10/100/1000Base-T Gigabit Ethernet ports: 10/100/1000 Mbps (half/full duplex)
Cable and maximum transmission distance	<ul style="list-style-type: none"> • 1000Base-X-SFP/100Base-FX-SFP Ethernet ports: See Table 3. • 10/100/1000Base-T Gigabit Ethernet ports: Category-5 twisted pair; maximum transmission distance: 100 m (328.08 ft)
Power consumption	50 W to 90 W
Applied to	7500 Switch Series

For combo ports mapping relations, see [Table 2](#).

Table 2 Combo ports mapping relations

1000Base-X-SFP/100Base-FX-SFP Ethernet port	10/100/1000Base-T Gigabit Ethernet port
17	25
18	26
19	27
20	28
21	29
22	30
23	31
24	32

NOTE:

- The 1000Base-X-SFP/100Base-FX-SFP port and the 10/100/1000Base-T port of a combo port cannot be used simultaneously.
- The 1000Base-X-SFP/100Base-FX-SFP port of a combo port does not support transceiver module JD089B.

For supported hot-swappable modules of 1000Base-X-SFP/100Base-FX-SFP Ethernet ports, see [Table 3](#).

Table 3 Transceiver module and cable specifications for the LSQ1GP24TEB0

Product Code	Description	Central wavelength (nm)	Fiber diameter (μm)	Multimode fiber modal bandwidth (MHz*km)	Maximum transmission distance
JD089B	HP X120 1G SFP RJ45 T Transceiver	N/A	Category-5 twisted pair	N/A	100 m (328.08 ft)
JD118B	HP X120 1G SFP LC SX Transceiver	850	50/125	500	550 m (1804.46 ft)
				400	500 m (1640.42 ft)
			62.5/125	200	275 m (902.23 ft)
				160	220 m (721.78 ft)
JD119B	HP X120 1G SFP LC LX Transceiver	1310	9/125	N/A	10 km (6.21 miles)
			50/125	500	550 m (1804.46 ft)
				400	
			62.5/125	500	550 m (1804.46 ft)
JD061A	HP X125 1G SFP LC LH40 1310nm Transceiver	1310	9/125	N/A	40 km (24.86 miles)
JD062A	HP X120 1G SFP LC LH40 1550nm Transceiver	1550	9/125	N/A	40 km (24.86 miles)
JD063B	HP X125 1G SFP LC LH70 Transceiver	1550	9/125	N/A	70 km (43.50 miles)
JD103A	HP X120 1G SFP LC LH100 Transceiver	1550	9/125	N/A	100 km (62.14 miles)

Product Code	Description		Central wavelength (nm)	Fiber diameter (μm)	Multimode fiber modal bandwidth (MHz*km)	Maximum transmission distance
JD098B	HP X120 1G SFP LC BX 10-U Transceiver	The two modules must be used together.	TX: 1310nm RX: 1490nm	9/125	N/A	10 km (6.21 miles)
JD099B	HP X120 1G SFP LC BX 10-D Transceiver		TX: 1490nm RX: 1310nm	9/125	N/A	10 km (6.21 miles)
JD113A	HP X170 1G SFP LC LH70 1470 Transceiver		1470	9/125	N/A	70 km (43.50 miles)
JD114A	HP X170 1G SFP LC LH70 1490 Transceiver		1490	9/125	N/A	70 km (43.50 miles)
JD115A	HP X170 1G SFP LC LH70 1510 Transceiver		1510	9/125	N/A	70 km (43.50 miles)
JD116A	HP X170 1G SFP LC LH70 1530 Transceiver		1530	9/125	N/A	70 km (43.50 miles)
JD109A	HP X170 1G SFP LC LH70 1550 Transceiver		1550	9/125	N/A	70 km (43.50 miles)
JD110A	HP X170 1G SFP LC LH70 1570 Transceiver		1570	9/125	N/A	70 km (43.50 miles)
JD111A	HP X170 1G SFP LC LH70 1590 Transceiver		1590	9/125	N/A	70 km (43.50 miles)
JD112A	HP X170 1G SFP LC LH70 1610 Transceiver		1610	9/125	N/A	70 km (43.50 miles)
JD102B	HP X115 100M SFP LC FX Transceiver		1310	$\frac{50}{125}$ $\frac{62.5}{125}$	N/A	2 km (1.24 miles)
JD120B	HP X110 100M SFP LC LX Transceiver		1310	9/125	N/A	15 km (9.32 miles)
JD090A	HP X110 100M SFP LC LH40 Transceiver		1310	9/125	N/A	40 km (24.86 miles)
JD091A	HP X110 100M SFP LC LH80 Transceiver		1550	9/125	N/A	80 km (49.71 miles)
JD100A	HP X110 100M SFP LC BX 10-U Transceiver	The two modules must be used together.	TX: 1310 RX: 1550	9/125	N/A	15 km (9.32 miles)
JD101A	HP X110 100M SFP LC BX 10-D Transceiver		TX: 1550 RX: 1310	9/125	N/A	15 km (9.32 miles)

3 Obtaining documentation

For card installation, see the *HP 7500 Switch Series Installation Guide*.

For software upgrade, see the *HP 7500 Switch Series Software Upgrade Guide*.

To find related documents, browse to the Manuals page of the HP Business Support Center website:

<http://www.hp.com/support/manuals>

© Copyright 2013 Hewlett-Packard Development Company, L.P.

The information in this document is subject to change without notice.



5998-1860