



Hewlett Packard
Enterprise

HPE Comware-Based Devices Transceiver Modules

User Guide (40G)

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Overview

This document describes 40-Gigabit transceiver modules and cables available for HPE Comware-based devices.

List of 40-Gigabit transceiver modules and network cables

Transceiver module type	Connector type
QSFP+ transceiver modules	
QSFP+ optical transceiver module	MPO/LC
QSFP+ copper cable (for interconnecting QSFP+ ports)	N/A
QSFP+ to SFP+ copper cable (for connecting one 40-Gigabit QSFP+ port to four 10-Gigabit SFP+ ports)	N/A
QSFP+ active optical cable	
CFP transceiver modules	
40-Gigabit CFP optical transceiver module	LC

NOTE:

- HPE 40-Gigabit transceiver modules and cables are subject to change over time. For the most recent list of HPE 40-Gigabit transceiver modules and cables, contact HPE technical support or marketing staff.
- The available transceiver modules and cables vary by HPE devices. For the transceiver modules and cables available for a device, see the installation guide for the device. For the 40-Gigabit transceiver modules and cables for a switch, see "[40-Gigabit Ethernet transceiver modules compatibility matrix](#)".

About optical transceiver modules

Optical transceiver modules (also called fiber transceiver modules) transmit signals over optical fibers and are suitable for long distance transmission.

The following information explains the major specifications of a fiber transceiver module.

Data rate

Data rate is the number of bits transmitted per second. Data rate is typically measured in Gigabits per second (Gbps).

Transmission distance

The transmission distance of optical transceiver modules is divided into short and long-range types. Typically, a distance of 2 km (1.24 miles) or below is short-range type and a distance of 10 km (6.21 miles) is long-range type.

Transmission distances supported by optical transceiver modules are mainly limited by signal attenuation and dispersion suffered during the transmission of fiber signals over fibers.

- Signal attenuation occurs because of absorption, dispersion, and leakage over the media as light travels through optical fibers. This attenuation increases in direct ratio to transmission distance.
- Dispersion occurs because a fiber transmits light with different wavelengths at different speeds. Light with different wavelengths reaches the receiving end at different time. This results in spread and blurred pulses.

Central wavelength

Central wavelength represents the wave band used for optical signal transmission. The following central wavelengths (wave bands) are available for common optical transceiver modules: 850 nm, 1310 nm, and 1550 nm.

- The 850 nm wave band is used for short-reach transmission.
- The 1310 nm and 1550 nm wave bands are used for middle-reach and long-haul transmissions.

Fiber

Fiber types

Fibers are classified into multimode fibers and single-mode fibers.

- Multimode fibers

Multimode fibers (MMFs) have thicker fiber cores than single-mode fibers and can transport light in multiple modes. However, the intermodal dispersion is greater and worsens as the transmission distance increases.

Multimode fibers can be classified into multiple grades according to their diameters and modal bandwidth, as shown in [Table 1](#). The modal bandwidth is a comprehensive index that reflects the optical characteristics of a multimode fiber. The modal bandwidth of a multimode fiber is equal to *the modulation frequency of the maximum modulation frequency pulse that can pass a fiber × the fiber length*.

International Telecommunication Union (ITU) defines multimode fiber types in its G series standards. The most commonly used multimode fiber is defined in the ITU G.651 standard. The G.651-compliant fiber transmits light in the wavelength range of 800 nm to 900 nm or 1200 nm to 1350 nm.

Table 1 Multimode fiber grades

Fiber grade	Fiber diameter (μm)	Modal bandwidth at 850 nm (MHz*km)
OM3	50/125	2000
OM4	50/125	4700

- Single-mode fibers

Single-mode fibers (SMFs) have a small core size (typically 9 μm or 10 μm) and can transmit light in only one mode. Single-mode fibers suffer little intermodal dispersion and are suitable for long-haul communication. Single-mode fibers transmit light at the central wavelength of 1310 nm or 1550 nm.

Telecommunication Industries Alliance (TIA)/Electronic Industries Alliance (EIA) defines that single-mode fibers use yellow outer jackets with an "SM" mark.

ITU defines single-mode fiber types in its G series standards. The most commonly used single-mode fibers are defined in ITU G.652 and G.655 standards. [Table 2](#) describes features of the G.652 and G.655-compliant fibers.

Table 2 Features of G.652 and G.655-compliant fibers

Single-mode fiber type	Wavelength (nm)	Features	Applications
G.652-compliant fiber (standard single-mode fiber)	<ul style="list-style-type: none">• 1260 to 1360• 1530 to 1565	Zero dispersion at 1310 nm.	Connecting transceiver modules with a central wavelength of 1310 nm or 1550 nm.
G.655-compliant fiber (non-zero dispersion shifted fiber)	1530 to 1565	Near-zero dispersion around 1550 nm.	1550-nm wavelength-division multiplexing (WDM) transmissions.

Fiber diameter

Fiber diameter is expressed as core diameter/cladding diameter, in μm . For example, 9/125 μm represents a fiber core diameter of 9 μm and a fiber cladding diameter of 125 μm .

As a best practice, use the following fiber diameters for the HPE Comware-based devices:

- **G.652 standard single-mode fiber**—9/125 μm .
- **G.655 single-mode fiber**—9/125 μm .
- **G.651 standard multimode fiber**—50/125 μm .

Connector

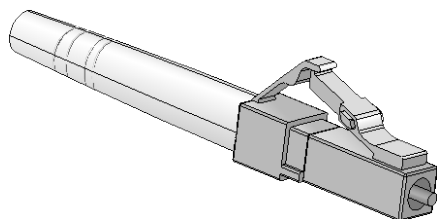
CAUTION:

Cover the connector with a dust cap when it is not connected to optical fibers.

Connectors connect transceiver modules to the transmission media. The following information describes the connectors used by the transceiver modules for the HPE Comware-based devices.

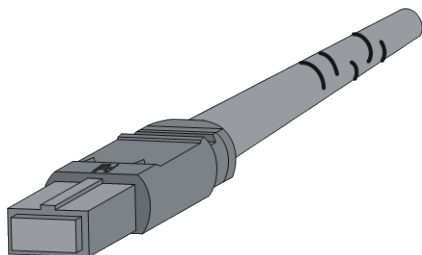
Lucent connector or local connector (LC)

Figure 1 LC connector



Multi-fiber Push On connector (MPO)

Figure 2 MPO connector



HPE transceiver modules use only female MPO connectors, which have guide holes in the end face.

MPO connectors are classified into the following types based on the polish type:

- **Physical contact (PC)**—End face polished flat.
- **Angle-polished contact (APC)**—End face polished with an angle, typically 8°.

MPO connectors are available with 12 fibers (see [Figure 3](#)) or 24 fibers (see [Figure 4](#)).

Figure 3 End face of a 12-fiber connector

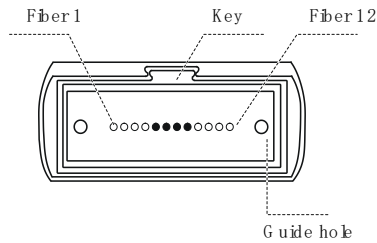
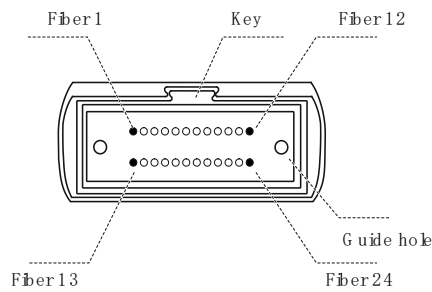


Figure 4 End face of a 24-fiber connector



Optical parameters

The following are the major optical parameters:

- **Transmit power**—Transmit power is the power at which the transmitter of an optical transceiver module transmits optical signals, in dBm.
- **Receive power**—Receive power is the power at which the receiver of an optical transceiver module receives optical signals, in dBm.

The transceiver module specifications in this guide provide the average transmit and receive power ranges.

QSFP+ transceiver modules

QSFP+ optical transceiver modules that use MPO connectors

Figure 5 QSFP+ optical transceiver module that uses MPO connectors



Models and specifications

QSFP+ optical transceiver modules provide a transmission rate of 40 Gbps and use MPO connectors.

Table 3 Specifications for QSFP+ optical transceiver modules that use MPO connectors (1)

Product code	HPE description	Central wavelength (nm)	Fiber mode	Fiber diameter (μm)	Modal bandwidth (MHz*km)	Transmission distance
JG325B	HPE X140 40G QSFP+ MPO SR4 Transceiver	850	MMF	50/125	2000	100 m (328.08 ft)
					4700	150 m (492.12 ft)
JG709A	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Transceiver	850	MMF	50/125	2000	300 m (984.25 ft)
					4700	400 m (1312.33 ft)

Table 4 Specifications for QSFP+ optical transceiver modules that use MPO connectors (2)

Product code	HPE description	Connector	Optical parameters (dBm)	
			Transmit power	Receive power
JG325B	HPE X140 40G QSFP+ MPO SR4 Transceiver	MPO (PC polished, 12-fiber)	-7.6 to 0	-9.5 to +2.4
JG709A	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Transceiver	MPO (PC polished, 12-fiber)	-7.6 to 0	-9.9 to +2.4

NOTE:

- The 40G QSFP+ ports of the JG325B and JG709A optical transceiver modules can be split into four channels. You can connect a 40G QSFP+ port to four 10G SFP+ ports. The QSFP+ optical transceiver module and SFP+ optical transceiver modules to be connected must be the same in specifications, including central wavelength and fiber type.
- Support for QSFP+ port splitting depends on the device model. For more information, see the installation guide that comes with the device.

QSFP+ optical transceiver modules that use LC connectors

Figure 6 QSFP+ optical transceiver module that uses LC connectors



Models and specifications

QSFP+ optical transceiver modules provide a transmission rate of 40 Gbps and use LC connectors.

Table 5 Specifications for QSFP+ transceiver modules that use LC connectors (1)

Product code	HPE description	Central wavelength (nm)	Fiber mode	Fiber diameter (μm)	Modal bandwidth (MHz*km)	Transmission distance
JL286A	HPE X140 40G QSFP+ LC LR4L 2km SM Transceiver	Four lanes: • 1271 • 1291 • 1311 • 1331	SMF	9/125	N/A	2 km (1.24 miles)
JG661A	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Transceiver Module	Four lanes: • 1271 • 1291 • 1311 • 1331	SMF	9/125	N/A	10 km (6.21 miles)
JL306A	HPE X140 40G QSFP+ LC ER4 40km SM Transceiver	Four lanes: • 1271 • 1291 • 1311 • 1331	SMF	9/125	N/A	40 km (24.85 miles)

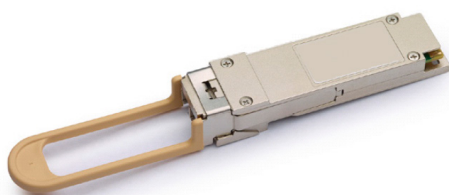
Table 6 Specifications for QSFP+ transceiver modules that use LC connectors (2)

Product code	HPE description	Optical parameters (dBm)	
		Transmit power	Receive power
JL286A	HPE X140 40G QSFP+ LC LR4L 2km	-10 to +2.3 per lane	-11.5 to +2.3 per lane

Product code	HPE description	Optical parameters (dBm)	
		Transmit power	Receive power
	SM Transceiver		
JG661A	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Transceiver Module	-7 to +2.3 per lane	-13.7 to +2.3 per lane
JL306A	HPE X140 40G QSFP+ LC ER4 40km SM Transceiver	-2.7 to +4.5 per lane	-21.2 to -4.5 per lane

QSFP+ BIDI optical transceiver modules

Figure 7 QSFP+ BIDI optical transceiver module



Models and specifications

QSFP+ BIDI transceiver modules provide a transmission rate of 40 Gbps and use LC connectors.

Table 7 Specifications for QSFP+ BIDI transceiver modules (1)

Product code	HPE description	Central wavelength (nm)	Fiber mode	Fiber diameter (μm)	Modal bandwidth (MHz*km)	Transmission distance
JL251A	HPE X140 40G QSFP+ LC BiDi 100m MM Transceiver	Two lanes: • 850 • 900	MMF	50/125	2000	100 m (328.08 ft)
					4700	150 m (492.12 ft)
JH375A (end of sale)	HPE X140 40G QSFP+ LC SWDM4 300m MM Transceiver	Four lanes: • 850 • 880 • 910 • 940	MMF	50/125	2000	240m (787.40 ft)
					4700	350m (1148.29 ft)

Table 8 Specifications for QSFP+ BIDI transceiver modules (2)

Product code	HPE description	Optical parameters (dBm)	
		Transmit power	Receive power
JL251A	HPE X140 40G QSFP+ LC BiDi 100m MM Transceiver	-4 to +5	-6 to +5

Product code	HPE description	Optical parameters (dBm)	
		Transmit power	Receive power
JH375A	HPE X140 40G QSFP+ LC SWDM4 300m MM Transceiver	-7.6 to +3 per lane	-9 to +3 per lane

NOTE:

The operating case temperature of the JL251A is in the range of 10°C to 70°C (50°F to 158°F). The performance, signal transmitting and receiving capability, and link status of the transceiver module deteriorate when the case temperature is out of this range.

QSFP+ copper cables

Figure 8 QSFP+ copper cable



Models and specifications

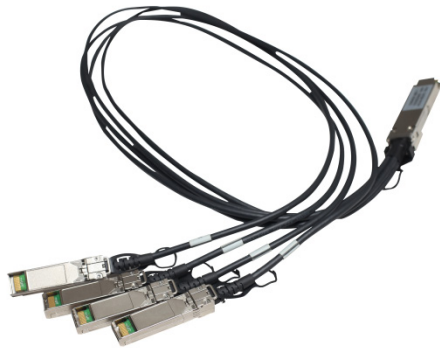
Table 9 Specifications for QSFP+ copper cables

Product code	HPE description	Cable length	Data rate	Remarks
JG326A	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable	1 m (3.28 ft)	40 Gbps	Used for interconnecting 40-Gigabit QSFP+ ports.
JG327A	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable	3 m (9.84 ft)		
JG328A	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable	5 m (16.40 ft)		

QSFP+ to SFP+ copper cables

One end of a QSFP+ to SFP+ copper cable provides a 40-Gigabit QSFP+ module, and the other end provides four 10-Gigabit SFP+ modules.

Figure 9 QSFP+ to SFP+ copper cable



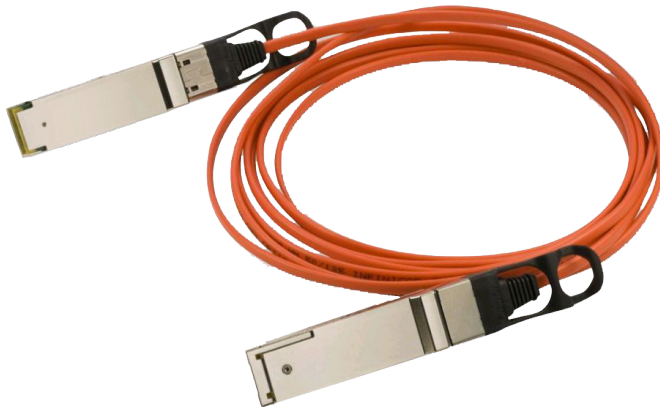
Models and specifications

Table 10 Specifications for QSFP+ to SFP+ copper cables

Product code	HPE description	Cable length	Data rate	Remarks
JG329A	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable	1 m (3.28 ft)	40 Gbps	Used for connecting a 40-Gigabit QSFP+ port to four 10-Gigabit SFP+ ports.
JG330A	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable	3 m (9.84 ft)		
JG331A	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable	5 m (16.40 ft)		

QSFP+ active optical cables

Figure 10 QSFP+ active optical cable



Models and specifications

Table 11 Specifications for QSFP+ active optical cables

Product code	HPE description	Cable length	Data rate
JL287A	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable	7 m (22.97 ft)	40 Gbps
JL288A	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable	10 m (32.81 ft)	
JL289A	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable	20 m (65.62 ft)	

CFP transceiver modules

Figure 11 CFP transceiver module



Models and specifications

CFP transceiver modules provide a transmission rate of 40 Gbps and use LC connectors.

Table 12 Specifications for CFP transceiver modules (1)

Product code	HPE description	Central wavelength (nm)	Fiber mode	Fiber diameter (μm)	Transmission distance
JC857A	HPE X140 40G CFP LC LR4 10km SM Transceiver	Four lanes: <ul style="list-style-type: none">• 1271• 1291• 1311• 1331	SMF	9/125	10 km (6.21 miles)

Table 13 Specifications for CFP transceiver modules (2)

Product code	HPE description	Optical parameters (dBm)	
		Transmit power	Receive power
JC857A	HPE X140 40G CFP LC LR4 10km SM Transceiver	-4 to +3 per lane	-11.5 to +3 per lane

40-Gigabit Ethernet transceiver modules compatibility matrix

40-Gigabit Ethernet transceiver modules

Before you install, configure, or upgrade a device with HPE 40-Gigabit Ethernet transceiver modules, always see the device's release notes for latest information. This compatibility matrix does not replace or supersede the release notes.

Table 14 40 Gigabit Ethernet transceiver modules

Product code	Transceiver module	Description
QSFP+		
JG661A	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Transceiver	40G QSFP+ Transceiver,LSTM2QSFP0,40GBASE QSFP+ Optical Transceiver Module,(40GBASE-LR4,10km,LC)
JG709A	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Transceiver	40G QSFP+ Transceiver,LSWM2QSFP,40GBASE QSFP+ Optical Transceiver Module,(40GBASE-CSR4,300m,MPO)
JG325B	HPE X140 40G QSFP+ MPO SR4 Transceiver	LSWM4QSFP, QSFP+ 40G Optical Transceiver Module,(850nm,100m,SR4)
JL251A	HPE X140 40G QSFP+ LC BiDi 100m MM Transceiver	LSWM1QSFPJ,40G QSFP+ BiDi Transceiver,(850nm,100m,SR)
JL286A	HPE X140 40G QSFP+ LC LR4L 2km SM Transceiver	LSXM2QSFP,40G QSFP+ Optical Transceiver Module,(1310nm,2km,LR4L,LC)
JL306A	HPE X140 40G QSFP+ LC ER4 40km SM Transceiver	LSVM2QSFPJ,40G QSFP+ Optical Transceiver Module,(1310nm,40km,ER4,WDM,LC)
JG326A	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable	LSWM2QSTK0,40G QSFP+ Cable,1m
JG327A	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable	LSWM2QSTK1,40G QSFP+ Cable,3m
JG328A	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable	LSWM2QSTK2,40G QSFP+ Cable,5m
JG329A	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable	LSWM2QSTK3,40G QSFP+ to 4x10G SFP+ Cable,1m
JG330A	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable	LSWM2QSTK4,40G QSFP+ to 4x10G SFP+ Cable,3m
JG331A	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable	LSWM2QSTK5,40G QSFP+ to 4x10G SFP+ Cable,5m
JL287A	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable	LSWM2QSFPPE,40G QSFP+ to 40G QSFP+ Active Optical Cable,7m
JL288A	HPE X2A0 40G QSFP+ to QSFP+	LSWM2QSFP,40G QSFP+ to 40G QSFP+

Product code	Transceiver module	Description
	10m Active Optical Cable	Active Optical Cable,10m
JL289A	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable	LSWM2QSFP+PG,40G QSFP+ to 40G QSFP+ Active Optical Cable,20m

Switching minimum software release requirements

HPE FlexFabric 12900E switch series minimum software version requirements

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
HPE FlexFabric 12900E 48-port 1/10GbE SFP+ 2-port 100GbE QSFP28 HB Module (JH360A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2606
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2606
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2606
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2606
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2606
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2606
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2606
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2606
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2606
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2606
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2606
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2606
HPE FlexFabric 12900E 48-port 40GbE QSFP+ HB Module (JH359A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2606
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2606
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2609
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2609
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2606
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2609

	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2606
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2606
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2606
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2606
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2606
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2606
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2606
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2606
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2606
	HPE QSFP/SFP+ Adaptor Kit (655874-B21)	NO	R2609
HPE FlexFabric 12900E 36-port 100GbE QSFP28 HB Module (JH357A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2606
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2606
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2606
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2606
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2606
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2606
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2606
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2606
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2606
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2606
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2606
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2606
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2606
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2606
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2606
	HPE QSFP/SFP+ Adaptor Kit (655874-B21)	NO	R2609

HPE FlexFabric 12900E 18-port 100G QSFP28/18-port 40G QSFP+ HB Module (JH422A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2606
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2606
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2606
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2609
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2609
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2609
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2606
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2606
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2606
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2606
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2606
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2606
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2606
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2609
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2609
	HPE QSFP/SFP+ Adaptor Kit (655874-B21)	NO	R2609
HPE FlexFabric 12900E 36-port 40G QSFP+ HB Module (JH437A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2606
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2606
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2606
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2606
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2606
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2609
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2606
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2606
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2606
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	E2608
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	E2608

	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	E2608
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2606
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2606
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2606
	HPE QSFP/SFP+ Adaptor Kit (655874-B21)	NO	R2609
HPE FlexFabric 12900E 6-port 100G QSFP28/6-port 40G QSFP+ HB Module (JH436A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2606
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2606
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2606
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2606
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	E2609
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2606
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2606
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2606
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2606
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2606
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2606
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2606
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2606
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2606
	HPE QSFP/SFP+ Adaptor Kit (655874-B21)	NO	R2609
HPE FlexFabric 12900E 48-port 100GbE QSFP28 HB Module(JH667A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2609
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2609
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2609
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2609
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2609
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2609
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2609

	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2609
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2609
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2609
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2609
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2609
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2609
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2609
HPE FlexFabric 12900E 18-port 100G QSFP28/18-port 40G QSFP+ HF Module (JH425A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2609
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2609
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2609
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2609
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2609
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2609
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2609
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2609
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2609
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2609
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2609
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2609
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2609
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2609
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2609
HPE FlexFabric 12900E 24p 10G/2p 40G HB 59xx Slot Module (JH953A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2706P01
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2706P01
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2706P01
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2706P01

	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2706P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2706P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2706P01
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2706P01
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2706P01
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2706P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2706P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2706P01
HPE FlexFabric 12900E 24p 10G/4p 100G HD 59xx Slot Module(JH954A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2710
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2710
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2710
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2710
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2710
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2710
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2710
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2710
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2710
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2710
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2710
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2710
HPE FlexFabric 12900E 36-port 100GbE QSFP28 HF Module(JQ060A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2712
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2712
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2712
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2712
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2712
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2712
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2712
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper	NO	R2712

	Cable (JG327A)		
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2712
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2712
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2712
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2712
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2712
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2712
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2712
HPE FlexFabric 12900E 24-Port 400GbE QSFP-DD Type H2 Module (R9F19A)	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R5202P05
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R5202P05
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R5202P05
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R5210P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R5210P01
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R5210P01
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R5210P01
	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R5210P01
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R5210P01
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R5210P01
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R5210P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R5210P01
HPE FlexFabric 12900E 36-port 40GbE QSFP+ Type X Module(JL847A)	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	E7624P03
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	E7624P03
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	E7624P03
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	E7624P03
	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	E7624P03
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	E7624P03

	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	E7624P03
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	E7624P03
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	E7624P03
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	E7624P03
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	E7624P03
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	E7624P03
HPE FlexFabric 12900E 36-port 100GbE QSFP28 Type X Module(JL848A)	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	E7624P03
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	E7624P03
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	E7624P03
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	E7624P03
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	E7624P03
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	E7624P03
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	E7624P03
	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	E7624P03
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	E7624P03
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	E7624P03
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	E7624P03
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	E7624P03
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	E7624P03
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	E7624P03
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	E7624P03
HPE FlexFabric 12900E 48-Port 100GbE QSFP28 Type H2 Module (R9F20A)	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R5210P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R5210P01
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R5210P01
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R5210P01
	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R5210P01
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R5210P01

HPE X140 40G QSFP+ LC SWDM4 300m MM Transceiver (JH375A)		R5210P01
HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R5210P01
HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R5210P01
HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R5210P01
HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R5210P01
HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R5210P01
HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R5210P01
HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R5210P01
HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R5210P01
HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R5210P01
HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R5210P01
HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R5210P01

NOTE:

On the HPE 12900E 48p 40GbE QSFP+ HB Mod (JH359A), the first and second row of ports cannot be used at the same time with the HPE QSFP/SFP+ Adaptor Kit (655874-B21).

On an HPE FlexFabric 12900E 36-port 40G QSFP+ HB Module (JH437A), you can connect the following cables only to port 1, 2, 3, 4, 17, 18, 19, 20, 21, 22, 35, or 36:

- HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)
- HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)
- HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)

On an HPE FlexFabric 12900E 48-Port 100GbE QSFP28 Type H2 Module (R9F20A), you can connect the following cables only to port 1, 3, 6, 8, 9, 12, 14, 15, 18, 21, 23, 25, 28, 31, 34, 36, 37, 40, 42, 43, 45 or 47:

- HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)
- HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)
- HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)
- HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)
- HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)
- HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)
- HPE X140 40G QSFP+ LC SWDM4 300m MM Transceiver (JH375A)
- HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)
- HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)
- HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)
- HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)
- HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)

- HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)

On an HPE FlexFabric 12900E 48-Port 100GbE QSFP28 Type H2 Module (R9F20A) , you can connect the following cables only to port 2, 4, 5, 7, 10, 11, 13, 16, 19, 22, 24, 26, 29, 32, 33, 35, 38, 39, 41, 44, 46 or 48:

- HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)
- HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)
- HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)
- HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)
- HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)

HPE FlexFabric 12900 switch series minimum software version requirements

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
HPE FlexFabric 12900 16-port 40GbE QSFP+ EA Module (JG625A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R1005P08
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R1005P08
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R1005P08
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	F1033L05
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R1005P07
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R1005P07
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R1005P07
HPE FlexFabric 12900 12-port 40GbE QSFP+ EC Module (JG857A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R1005P08
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R1005P08
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R1005P08
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	F1033L05
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R1005P07
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R1005P07
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R1005P07
HP FlexFabric 12900 24-port 40GbE	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R1005P08

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
QSFP+ EX Module(JH008A)	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R1005P08
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R1005P08
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R1005P07
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R1005P07
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R1005P07
HP FlexFabric 12900 24-port 40GbE QSFP+ FC Module (JG889A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R1109
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R1109
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R1109
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R1138P01
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R1138P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R1138P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R1109
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R1109
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R1109
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R1109
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R1109
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R1109
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R1138P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R1138P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R1138P01
HPE FlexFabric 12900 24-port 40GbE QSFP+ FX Module (JG889B)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R1109
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R1109
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R1109
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr	NO	R1138P01

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	(JL251A)		
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R1138P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R1138P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R1109
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R1109
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R1109
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R1109
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R1109
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R1109
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R1138P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R1138P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R1138P01
HPE FlexFabric 12900 12-port 40GbE QSFP+ FX Module (JH005A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R1109
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R1109
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R1109
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R1138P01
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R1138P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R1138P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R1109
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R1109
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R1109
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R1109
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R1109
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R1109

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R1138P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R1138P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R1138P01
HPE FlexFabric 12900 36-port 40GbE QSFP+ FX Module (JH045A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R1138P01
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R1109
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R1109
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R1138P01
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R1138P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R1138P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R1109
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R1109
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R1109
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R1109
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R1109
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R1109
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R1138P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R1138P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R1138P01
HPE FlexFabric 12900 24-port 40GbE QSFP+ FE Module (JH250A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R1135
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R1135
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R1135
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R1138P01
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R1138P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R1138P01

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R1135
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R1135
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R1135
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R1135
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R1135
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R1135
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R1138P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R1138P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R1138P01

HPE FlexNetwork 10500 switch series minimum software version requirements

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
HPE FlexNetwork 7500 2.4Tbps Fabric w/ 8-port GbE/10GbE and 2-port 40GbE TAA-compliant Main Processing Unit (JH217A)	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R7523P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R7523P01
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R7523P01
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R7523P01
	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R7523P01
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R7523P01
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R7523P01
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R7523P01
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R7523P01

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R7523P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R7523P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R7523P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R7523P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R7523P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R7523P01
HPE FlexNetwork 10500 12-port 40GbE QSFP28 M2SG Module (JH434A)	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R7523P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R7523P01
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R7523P01
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R7523P01
	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R7523P01
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R7523P01
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R7523P01
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R7523P01
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R7523P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R7523P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R7523P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R7523P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R7523P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R7523P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R7523P01

HPE FlexFabric 7900 switch series minimum software version requirements

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
HPE FlexFabric 7900 12-port 40GbE QSFP+ FX Module (JG683B)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2117P01
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2117P01
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2117P01
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2150
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2138P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2138P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2117
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2117
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2117
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2117
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2117
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2117
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R1138
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R1138
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R1138
HP FlexFabric 7900 12-Port 40GbE QSFP+ SA Module (JG683A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2117P01
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2117P01
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2117P01
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2138P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2138P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2117
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2117

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2117
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2117
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2117
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2117
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2138P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2138P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2138P01
HPE FlexFabric 7900 2-port 100GbE CXP/6-port 40GbE QSFP+/4-port 10GbE SFP+ FX Module (JH002A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2138P01
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2138P01
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2138P01
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2138P01
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2138P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2138P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2138P01
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2138P01
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2138P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2138P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2138P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2138P01
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2138P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2138P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2138P01

HPE FlexNetwork 7500 switch series minimum software version requirements

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
HPE FlexNetwork 7500 1.2Tbps Fabric w/ 2-port 40GbE for IRF-Only Main Processing Unit (JH207A)	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R7168
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R7168
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R7168
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R7168
	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R7168
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R7168
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R7178
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R7557P01
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R7557P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R7557P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R7557P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R7557P01
HPE FlexNetwork 7500 2.4Tbps Fabric w/ 8-port GbE/10GbE and 2-port 40GbE User Ports Main Processing Unit (JH209A)	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R7168
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R7168
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R7168
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R7168
	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R7168
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R7168
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R7178
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R7557P01
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R7557P01

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R7557P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R7557P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R7557P01
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R7168
HPE FlexNetwork 7500 2.4Tbps Fabric w/ 8-port GbE/10GbE and 2-port 40GbE TAA-compliant Main Processing Unit (JH217A)	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R7168
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R7168
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R7168
	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R7168
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R7168
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R7178
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R7557P01
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R7557P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R7557P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R7557P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R7557P01

HPE FlexNetwork 7500X Switch Series minimum software version requirements

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
HPE FlexNetwork 7500X 24 port 10G SFP+ 2 40G/1 100G QSFP28 FD Module(R8N56A)	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	A7624P51
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	A7624P51
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	A7624P51

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	A7624P51
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	A7624P51
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	A7624P51
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	A7624P51
	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	A7624P51
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	A7624P51
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	A7624P51
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	A7624P51
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	A7624P51
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	A7624P51
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	A7624P51
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	A7624P51
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	A7624P51
HPE FlexNetwork 7500X 24 port 40G QSFP+ SG Module(R8N57A)	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	A7624P51
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	A7624P51
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	A7624P51
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	A7624P51
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	A7624P51
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	A7624P51
	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	A7624P51
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	A7624P51
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	A7624P51
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	A7624P51

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	A7624P51
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	A7624P51
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	A7624P51
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	A7624P51
HPE FlexNetwork 7500X 12 port 40G/4-port 100G QSFP28 SG Module(R8N58A)	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	A7624P51
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	A7624P51
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	A7624P51
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	A7624P51
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	A7624P51
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	A7624P51
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	A7624P51
	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	A7624P51
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	A7624P51
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	A7624P51
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	A7624P51
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	A7624P51
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	A7624P51
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	A7624P51
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	A7624P51

HPE 6125XLG Blade switch series minimum software version requirements

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
HP 6125XLG Blade Switch (711307-B21)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2418P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2418P01

HPE FlexFabric 5980 switch series minimum software version requirements

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
HPE FlexFabric 5980 48SFP+ 6QSFP28 Switch (JQ026A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2708
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2708
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2708
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2708
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2708
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2708
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2708

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2708
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2708
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2708
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2708

HPE Networking Comware 5960 switch series minimum software version requirements

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
HPE Networking Comware 5960 24 Port 100/200G QSFP56 + 8 Port 400G QSFP-DD Data Center Switch (R9Y12A)	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R9127
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R9127
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R9127
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R9127
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R9127
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R9127
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R9127
	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R9127
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R9127
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R9127
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R9127
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R9127
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R9127
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R9127

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
HPE Networking Comware 5960 32 Port 400G QSFP-DD Data Center Switch(R9Y13A)	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R9127
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R9127
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R9127
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R9127
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R9127
	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R9127
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R9127
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R9127
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R9127
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R9127
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R9127
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R9127
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R9127

HPE FlexFabric 5950 switch series minimum software version requirements

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
HPE FlexFabric 5950 32QSFP28 Switch (JH321A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R6123
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R6123
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R6123
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R6123
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R6123

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R6125
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R6123
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R6123
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R6123
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R6123
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R6123
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R6123
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R6123
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R6123
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R6123
HPE FlexFabric 5950 32QSFP28 TAA-compliant Switch (JH322A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R6123
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R6123
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R6123
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R6123
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R6123
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R6125
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R6123
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R6123
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R6123
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R6123
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R6123
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R6123
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R6123

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R6123
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R6123
HPE FlexFabric 5950 48SFP28 8QSFP28 Switch (JH402A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R6123
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R6123
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R6123
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R6123
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R6123
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R6125
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R6123
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R6123
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R6123
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R6123
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R6123
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R6123
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R6123
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R6123
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R6123
HPE 5950 8-port QSFP28 Module (JH406A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R6123
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R6123
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R6123
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R6123
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R6123
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R6125
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R6123

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R6123
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R6123
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R6123
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R6123
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R6123
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R6123
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R6123
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R6123
HPE FlexFabric 5950 8-port QSFP28 MACsec Module(JH957A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R6125P03
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R6125P03
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R6125P03
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R6125P03
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R6125P03
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R6125P03
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R6125P03
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R6125P03
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R6125P03
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R6125P03
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R6125P03
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R6125P03
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R6125P03
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R6125P03
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R6125P03

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
HPE FlexFabric 5950 24-port SFP28 and 2-port QSFP28 Module (JH450A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R6123
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R6123
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R6123
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R6123
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R6123
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R6125
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R6123
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R6123
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R6123
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R6123
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R6123
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R6123
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R6123
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R6123
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R6123
HPE 5950 16-port QSFP+ Module (JH405A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R6123
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R6123
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R6123
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R6123
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R6123
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R6125
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R6123
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R6123
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R6123

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R6123
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R6123
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R6123

HPE FlexFabric 5945 switch series minimum software version requirements

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
HPE FlexFabric 5945 48SFP28 8QSFP28 Switch(JQ074A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R6508
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R6508
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R6508
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R6508
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R6508
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R6508
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R6508
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R6508
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R6508
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R6508
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R6508
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R6508
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R6508
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R6508
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R6508

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	HPE QSFP/SFP+ Adaptor Kit (655874-B21)	NO	R6555
HPE FlexFabric 5945 2-slot Switch (JQ075A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R6553
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R6553
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R6553
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R6553
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R6553
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R6553
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R6553
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R6553
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R6553
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R6553
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R6553
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R6553
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R6553
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R6553
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R6553
	HPE QSFP/SFP+ Adaptor Kit (655874-B21)	NO	R6555
HPE FlexFabric 5945 32QSFP28 Switch (JQ077A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R6553
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R6553
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R6553
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R6553
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R6553
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R6553
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R6553
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper	NO	R6553

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	Cable (JG327A)		
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R6553
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R6553
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R6553
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R6553
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R6553
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R6553
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R6553
	HPE QSFP/SFP+ Adaptor Kit (655874-B21)	NO	R6555

HPE FlexFabric 5944 switch series minimum software version requirements

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
HPE FlexFabric 5944 48XGT 6QS28 Switch (JL836A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	F6615
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	F6615
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	F6615
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	F6615
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	F6615
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	F6615
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	F6615
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	F6615
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	F6615
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper	NO	F6615

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	Cable (JG328A)		
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	F6615
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	F6615
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	F6615

HPE FlexFabric 5940 switch series minimum software version requirements

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
HPE FlexFabric 5940 48XGT 6QSFP28 Switch (JH391A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2509P02
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2509P02
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2509P02
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2509P02
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2509P02
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2509P02
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2509P02
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2509P02
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2509P02
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2717
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2717
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2717
HPE FlexFabric 5940 48XGT 6QSFP28 TAA-compliant	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2509P02
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2509P02

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
Switch (JH393A)	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2509P02
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2509P02
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2509P02
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2509P02
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2509P02
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2509P02
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2509P02
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2509P02
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2509P02
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2509P02
HPE FlexFabric 5940 48SFP+ 6QSFP28 Switch (JH390A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2509P02
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2509P02
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2509P02
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2509P02
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2509P02
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2509P02
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2509P02
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2509P02
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2509P02
HPE FlexFabric 5940 48SFP+ 6QSFP28 TAA-compliant Switch (JH392A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2509P02
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2509P02
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2509P02
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2509P02
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2509P02

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2509P02
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2509P02
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2509P02
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2509P02
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2509P02
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2509P02
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2717
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2717
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2717
HPE FlexFabric 5940 2-slot Switch (JH397A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2509P02
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2509P02
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2509P02
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2509P02
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2509P02
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2509P02
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2509P02
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2509P02
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2509P02
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2509P02
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2509P02
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2509P02
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2509P02
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2509P02

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2509P02
	HPE QSFP/SFP+ Adaptor Kit (655874-B21)	NO	R2609
HPE 5940 2-port QSFP+ and 2-port QSFP28 Module (JH409A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2509P02
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2509P02
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2509P02
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2509P02
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2509P02
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2509P02
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2509P02
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2509P02
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2509P02
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2509P02
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2509P02
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2509P02
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2509P02
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2509P02
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2509P02
	HPE QSFP/SFP+ Adaptor Kit (655874-B21)	NO	R2609
HPE FlexFabric 5940 32QSFP+ Switch (JH396A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2509P02
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2509P02
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2509P02
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2509P02
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2509P02
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2509P02
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper	NO	R2509P02

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	Cable (JG326A)		
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2509P02
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2509P02
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2509P02
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2509P02
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2509P02
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2509P02
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2509P02
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2509P02
	HPE QSFP/SFP+ Adaptor Kit (655874-B21)	NO	R2609
HPE FlexFabric 5940 48SFP+ 6QSFP+ Switch (JH395A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2509P02
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2509P02
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2509P02
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2509P02
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2509P02
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2509P02
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2509P02
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2509P02
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2509P02
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2509P02
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2509P02
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2509P02
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2509P02
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2509P02

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2509P02
	HPE QSFP/SFP+ Adaptor Kit (655874-B21)	NO	R2609
HPE FlexFabric 5940 48XGT 6QSFP+ Switch (JH394A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2509P02
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2509P02
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2509P02
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2509P02
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2509P02
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2509P02
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2509P02
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2509P02
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2509P02
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2509P02
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2509P02
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2509P02
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2509P02
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2509P02
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2509P02
	HPE QSFP/SFP+ Adaptor Kit (655874-B21)	NO	R2609

NOTE:

- HPE 5940 2-port QSFP+ and 2-port QSFP28 Module (JH409A) can only be installed only on an HPE FlexFabric 5940 2-slot Switch (JH397A) or HPE FlexFabric 5940 4-slot Switch (JH398A).
- For the HPE FlexFabric 5940 switch series, the HPE QSFP/SFP+ Adaptor Kit (655874-B21) can be used only on QSFP+ ports.

HPE FlexFabric 5930 switch series minimum software version requirements

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
HPE FlexFabric 5930 2QSFP+ 2-slot Switch (JH178A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2418P01
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2432P01
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2432P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2432P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2418P01
	HPE QSFP/SFP+ Adaptor Kit (655874-B21)	NO	R2432P05
HPE FlexFabric 5930 2QSFP+ 2-slot TAA-compliant Switch (JH187A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2418P01
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2432P01
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2432P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2432P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper	NO	R2418P01

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	Cable (JG326A)		
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2418P01
	HPE QSFP/SFP+ Adaptor Kit (655874-B21)	NO	R2432P05
HPE FlexFabric 5930 32QSFP+ Switch (JG726A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2418P01
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2432P01
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2432P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2432P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2418P01

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2418P01
	HPE QSFP/SFP+ Adaptor Kit (655874-B21)	NO	R2432P05
HPE FlexFabric 5930 32QSFP+ TAA-compliant Switch (JG727A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2418P01
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2432P01
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2432P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2432P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2418P01
	HPE QSFP/SFP+ Adaptor Kit (655874-B21)	NO	R2432P05
HPE 5930 24-port SFP+ and 2-port QSFP+ with MACsec Module (JH181A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2418P01
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2432P01
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2432P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2432P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper	NO	R2418P01

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	Cable (JG326A)		
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2418P01
HPE 5930 24-port Converged Port and 2-port QSFP+ Module (JH184A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2418P01
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2432P01
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2432P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2432P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical	YES	R2418P01

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	Cable (JL289A)		
HPE 5930 8-port QSFP+ Module (JH183A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2418P01
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2432P01
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2432P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2432P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2418P01
HPE 5930 24-port 10GBASE-T and 2-port QSFP+ with MACsec Module (JH182A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2418P01
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2432P01
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2432P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2432P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper	NO	R2418P01

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	Cable (JG328A)		
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2418P01
HPE 5930 24-port SFP+ and 2-port QSFP+ Module (JH180A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2418P01
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2432P01
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2432P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2432P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2418P01

HPE FlexFabric 5901 switch series minimum software version requirements

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
HPE FlexNetwork 5140/5520 10GBASE-T MACsec 2p Mod (R9L65A)	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R8006
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R8006
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R8006
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R8006
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R8006
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R8006
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R8006
	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R8006
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R8006
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R8106P21
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R8106P21
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R8106P21
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R8106P21

HPE FlexFabric 5900 switch series minimum software version requirements

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
HPE FlexFabric 5900AF 48XG 4QSFP+ Switch (JC772A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2418P01

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2418P01
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2432P01
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2432P01
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2418P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2432P01
	HPE QSFP/SFP+ Adaptor Kit (655874-B21)	NO	R2432P05
HPE FlexFabric 5900AF 48XG 4QSFP+ TAA-compliant Switch (JG554A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2418P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2418P01
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2432P01

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2432P01
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2418P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2432P01
	HPE QSFP/SFP+ Adaptor Kit (655874-B21)	NO	R2432P05
HPE FlexFabric 5900AF 48G 4XG 2QSFP+ Switch (JG510A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2418P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2418P01
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2432P01
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2432P01
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2432P01
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2432P01
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2418P01
HPE FlexFabric 5900AF 48G 4XG 2QSFP+ TAA-compliant	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2418P01

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
Switch (JH038A)	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2418P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2418P01
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2432P01
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2432P01
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2418P01
HPE FlexFabric 5900AF 48XGT 4QSFP+ Switch (JG336A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2418P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2418P01
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2432P01
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2432P01

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2418P01
	HPE QSFP/SFP+ Adaptor Kit (655874-B21)	NO	R2432P05
HPE FlexFabric 5900AF 48XGT 4QSFP+ TAA-compliant Switch (JH037A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2418P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2418P01
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2432P01
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2432P01
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2418P01
	HPE QSFP/SFP+ Adaptor Kit (655874-B21)	NO	R2432P05
HPE FlexFabric 5900CP 48XG 4QSFP+ Switch (JG838A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2418P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper	NO	R2418P01

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	Cable (JG327A)		
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2418P01
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2432P01
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2432P01
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2418P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2432P01
	HPE QSFP/SFP+ Adaptor Kit (655874-B21)	NO	R2432P05
HPE FlexFabric 5900CP 48XG 4QSFP+ TAA-compliant Switch (JH036A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2418P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2418P01
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2432P01
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2432P01
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2418P01

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2418P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2432P01
	HPE QSFP/SFP+ Adaptor Kit (655874-B21)	NO	R2432P05
HPE FlexFabric 5900 48XG 4QSFP+ Short Form Factor TAA Compliant Switch (JH338A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2418P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2418P01

HPE FlexFabric 5710 switch series minimum software version requirements

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
HPE FlexFabric 5710 48SFP+ 6QSFP+ or 2QSFP28 Switch(JL585A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2612
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2612
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2612
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2612
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2612
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2612

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2612
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2612
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2612
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2612
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2612
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2612
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2612
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2612
	HPE QSFP/SFP+ Adaptor Kit (655874-B21)	NO	R2612
HPE FlexFabric 5710 24SFP+ 6QSFP+ or 2QSFP28 Switch (JL587A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2612P01
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2612P01
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2612P01
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2612P01
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2612P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2612P01
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2612P01
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2612P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2612P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2612P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2612P01
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2612P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2612P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2612P01

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	HPE QSFP/SFP+ Adaptor Kit (655874-B21)	NO	R2612
HPE FlexFabric 5710 24XGT 6QSFP+ or 2QSFP28 Switch (JL689A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2612P03
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2612P03
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2612P03
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2612P03
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2612P03
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2612P03
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2612P03
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2612P03
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2612P03
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2612P03
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2612P03
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2612P03
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2612P03
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2612P03
	HPE QSFP/SFP+ Adaptor Kit (655874-B21)	NO	R2612
HPE FlexFabric 5710 48XGT 6QSFP+ or 2QS28 Switch (JL586A)	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2612
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2612
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2612
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2612
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2612
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2612
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2612
	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr	YES	R2612

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	(JG661A)		
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2612
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2612
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2612
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2612
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2612
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2612
	HPE QSFP/SFP+ Adaptor Kit (655874-B21)	NO	R2612

NOTE:

For the HPE FlexFabric 5710 switch series, the HPE QSFP/SFP+ Adaptor Kit (655874-B21) can be used only on QSFP+ ports.

HPE FlexFabric 5700 switch series minimum software version requirements

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
HPE FlexFabric 5700 40XG 2QSFP+ Switch (JG896A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2418P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach	NO	R2418P01

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	Copper Splitter Cable (JG331A)		
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2432P01
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2432P01
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2418P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2432P01
	HPE QSFP/SFP+ Adaptor Kit (655874-B21)	NO	R2432P05
HPE FlexFabric 5700 40XG 2QSFP+ TAA-compliant Switch (JG897A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2418P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2418P01
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2432P01
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2432P01
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2418P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2432P01
	HPE QSFP/SFP+ Adaptor Kit (655874-B21)	NO	R2432P05
HPE FlexFabric 5700 48G 4XG	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2418P01

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
2QSFP+ Switch (JG894A)	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2418P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2418P01
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2432P01
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2432P01
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2418P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2432P01
	HPE QSFP/SFP+ Adaptor Kit (655874-B21)	NO	R2432P05
HPE FlexFabric 5700 48G 4XG 2QSFP+ TAA-compliant Switch (JG895A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2418P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach	NO	R2418P01

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	Copper Splitter Cable (JG331A)		
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2432P01
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2432P01
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2418P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2432P01
	HPE QSFP/SFP+ Adaptor Kit (655874-B21)	NO	R2432P05
HPE FlexFabric 5700 32XGT 8XG 2QSFP+ Switch (JG898A)	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2418P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2418P01
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2432P01
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2432P01
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2418P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2432P01
	HPE QSFP/SFP+ Adaptor Kit (655874-B21)	NO	R2432P05
HPE FlexFabric 5700 32XGT 8XG	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R2418P01

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
2QSFP+ TAA-compliant Switch (JG899A)	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R2418P01
	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R2418P01
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R2418P01
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R2418P01
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R2418P01
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R2432P01
	HPE X140 40G QSFP+ LC LR4L 2km SM Xcvr (JL286A)	YES	R2432P01
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R2418P01
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R2418P01
	HPE X140 40G QSFP+ LC ER4 40km SM Xcvr (JL306A)	YES	R2432P01
	HPE QSFP/SFP+ Adaptor Kit (655874-B21)	NO	R2432P05

HPE FlexNetwork 5600 HI switches series minimum software version requirements

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
HPE FlexNetwork 5600HI 48P 100M/1G/2.5G/5G/10 GBase-T PoE8 4QSFP+ 1 Slot Switch (S0S35A)	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R6628P27
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R6628P27
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R6628P27
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R6628P27

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R6628P27
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R6628P27
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R6628P27
	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R6628P27
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m Xcvr (JG709A)	YES	R6628P27
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R6628P27
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R6628P27
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R6628P27
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R6628P27

HPE FlexNetwork 5510 HI switch series minimum software version requirements

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
HPE 5510 2-port QSFP+ Module (JH155A)	HPE X140 40G QSFP+ MPO SR4 Xcvr (JG325B)	YES	R1109
	HPE X240 40G QSFP+ QSFP+ 1m Direct Attach Copper Cable (JG326A)	NO	R1109
	HPE X240 40G QSFP+ QSFP+ 3m Direct Attach Copper Cable (JG327A)	NO	R1109
	HPE X240 40G QSFP+ QSFP+ 5m Direct Attach Copper Cable (JG328A)	NO	R1109
	HPE X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable (JG329A)	NO	R1109
	HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable (JG330A)	NO	R1109
	HPE X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable (JG331A)	NO	R1109
	HPE X140 40G QSFP+ LC LR4 SM 10km 1310nm Xcvr (JG661A)	YES	R1109
	HPE X140 40G QSFP+ MPO MM 850nm CSR4 300m	YES	R1109

Switch or module	Transceiver module (Product code)	Minimum software release	
		DDM support	Release version
	Xcvr (JG709A)		
	HPE X140 40G QSFP+ LC BiDi 100m MM Xcvr (JL251A)	NO	R1109
	HPE X2A0 40G QSFP+ to QSFP+ 7m Active Optical Cable (JL287A)	YES	R3506P08
	HPE X2A0 40G QSFP+ to QSFP+ 10m Active Optical Cable (JL288A)	YES	R3506P08
	HPE X2A0 40G QSFP+ to QSFP+ 20m Active Optical Cable (JL289A)	YES	R3506P08

Document conventions and icons

Conventions

This section describes the conventions used in the documentation.





Command conventions

Convention	Description
Boldface	Bold text represents commands and keywords that you enter literally as shown.
<i>Italic</i>	<i>Italic</i> text represents arguments that you replace with actual values.
[]	Square brackets enclose syntax choices (keywords or arguments) that are optional.
{ x y ... }	Braces enclose a set of required syntax choices separated by vertical bars, from which you select one.
[x y ...]	Square brackets enclose a set of optional syntax choices separated by vertical bars, from which you select one or none.
{ x y ... } *	Asterisk marked braces enclose a set of required syntax choices separated by vertical bars, from which you select at least one.
[x y ...] *	Asterisk marked square brackets enclose optional syntax choices separated by vertical bars, from which you select one choice, multiple choices, or none.
&<1-n>	The argument or keyword and argument combination before the ampersand (&) sign can be entered 1 to n times.
#	A line that starts with a pound (#) sign is comments.













GUI conventions

Convention	Description
Boldface	Window names, button names, field names, and menu items are in Boldface. For example, the New User window opens; click OK .
>	Multi-level menus are separated by angle brackets. For example, File > Create > Folder .

Symbols

Convention	Description
 WARNING!	An alert that calls attention to important information that if not understood or followed can result in personal injury.
 CAUTION:	An alert that calls attention to important information that if not understood or followed can result in data loss, data corruption, or damage to hardware or software.
 IMPORTANT:	An alert that calls attention to essential information.
NOTE:	An alert that contains additional or supplementary information.
 TIP:	An alert that provides helpful information.

Network topology icons

Convention	Description
	Represents a generic network device, such as a router, switch, or firewall.
	Represents a routing-capable device, such as a router or Layer 3 switch.
	Represents a generic switch, such as a Layer 2 or Layer 3 switch, or a router that supports Layer 2 forwarding and other Layer 2 features.
	Represents an access controller, a unified wired-WLAN module, or the access controller engine on a unified wired-WLAN switch.
	Represents an access point.
	Represents a wireless terminator unit.
	Represents a wireless terminator.
	Represents a mesh access point.
	Represents omnidirectional signals.
	Represents directional signals.
	Represents a security product, such as a firewall, UTM, multiservice security gateway, or load balancing device.
	Represents a security module, such as a firewall, load balancing, NetStream, SSL VPN, IPS, or ACG module.

Examples provided in this document

Examples in this document might use devices that differ from your device in hardware model, configuration, or software version. It is normal that the port numbers, sample output, screenshots, and other information in the examples differ from what you have on your device.

Support and other resources

Accessing Hewlett Packard Enterprise Support

- For live assistance, go to the Contact Hewlett Packard Enterprise Worldwide website:
www.hpe.com/assistance
- To access documentation and support services, go to the Hewlett Packard Enterprise Support Center website:
www.hpe.com/support/hpesc

Information to collect

- Technical support registration number (if applicable)
- Product name, model or version, and serial number
- Operating system name and version
- Firmware version
- Error messages
- Product-specific reports and logs
- Add-on products or components
- Third-party products or components

Accessing updates

- Some software products provide a mechanism for accessing software updates through the product interface. Review your product documentation to identify the recommended software update method.
- To download product updates, go to either of the following:
 - Hewlett Packard Enterprise Support Center **Get connected with updates** page:
www.hpe.com/support/e-updates
 - Software Depot website:
www.hpe.com/support/softwaredepot
- To view and update your entitlements, and to link your contracts, Care Packs, and warranties with your profile, go to the Hewlett Packard Enterprise Support Center **More Information on Access to Support Materials** page:
www.hpe.com/support/AccessToSupportMaterials

❗ IMPORTANT:

Access to some updates might require product entitlement when accessed through the Hewlett Packard Enterprise Support Center. You must have an HP Passport set up with relevant entitlements.

Websites

Website	Link
Networking websites	
Hewlett Packard Enterprise Information Library for Networking	www.hpe.com/networking/resourcefinder
Hewlett Packard Enterprise Networking website	www.hpe.com/info/networking
Hewlett Packard Enterprise My Networking website	www.hpe.com/networking/support
Hewlett Packard Enterprise My Networking Portal	www.hpe.com/networking/mynetworking
Hewlett Packard Enterprise Networking Warranty	www.hpe.com/networking/warranty
General websites	
Hewlett Packard Enterprise Information Library	www.hpe.com/info/enterprise/docs
Hewlett Packard Enterprise Support Center	www.hpe.com/support/hpesc
Hewlett Packard Enterprise Support Services Central	ssc.hpe.com/portal/site/ssc/
Contact Hewlett Packard Enterprise Worldwide	www.hpe.com/assistance
Subscription Service/Support Alerts	www.hpe.com/support/e-updates
Software Depot	www.hpe.com/support/softwaredepot
Customer Self Repair (not applicable to all devices)	www.hpe.com/support/selfrepair
Insight Remote Support (not applicable to all devices)	www.hpe.com/info/insightremotesupport/docs

Customer self repair

Hewlett Packard Enterprise customer self repair (CSR) programs allow you to repair your product. If a CSR part needs to be replaced, it will be shipped directly to you so that you can install it at your convenience. Some parts do not qualify for CSR. Your Hewlett Packard Enterprise authorized service provider will determine whether a repair can be accomplished by CSR.

For more information about CSR, contact your local service provider or go to the CSR website:

www.hpe.com/support/selfrepair

Remote support

Remote support is available with supported devices as part of your warranty, Care Pack Service, or contractual support agreement. It provides intelligent event diagnosis, and automatic, secure submission of hardware event notifications to Hewlett Packard Enterprise, which will initiate a fast and accurate resolution based on your product's service level. Hewlett Packard Enterprise strongly recommends that you register your device for remote support.

For more information and device support details, go to the following website:

www.hpe.com/info/insightremotesupport/docs

Documentation feedback

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part number, edition, and publication date located on the front cover of the document. For online help content, include the product name, product version, help edition, and publication date located on the legal notices page.

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